

# **Surgical Product Catalog**







### **ORDERING**

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## **About Us**

Accutome is entering our fourth decade in the ophthalmic industry. The three major traits that keep the Accutome brand growing remain the same: superior customer service, quality, innovation. It is our goal to make every experience you have with us special and productive.

Our focus is to continue to improve our product line and customer service to better suit your needs. We are constantly adding more customer service and sales representatives to provide worldwide support. We also have a European office in the Netherlands.

We have become a total solutions provider for all of your ophthalmic needs by supplying quality products such as office medications, supplies, surgical instruments, and diagnostic equipment. We carry thousands of products to meet your needs. If you do not see a particular item, give our representatives a call, and we will find it for you.

### **Accutome Surgical Instruments and Supplies**

Accutome offers a full line of diamond and metal surgical blades along with handheld surgical instruments and surgical disposable products. We are one of the top production and repair facilities of diamond knives. We cross-reference and competitively bid on all major brands of ophthalmic instruments - just send us your list for a quote.

Our reputation for innovation has been developed based on our relationships with top surgeons. Do you have an idea for a new instrument? Give us a call to discuss your idea.

### **Accutome Repair Center**

Our state-of-the-art repair and technical support center is staffed by highly trained technicians. We offer expert repairs on all brands of ophthalmic surgery instruments and ultrasound. We are also experts in diamond knife repair, having one of the largest diamond repair facilities in the in the U.S. Accutome can customize diamond blades to your specifications and the Diamond Exchange Program allows you to downsize existing blades for a low cost. Most brands and styles can be repaired by us, usually in 24 hours. Our instrument repair unit can sharpen or repair surgical instruments, making them like new.

### **Accutome Diagnostic Equipment**

Accutome offers a broad line of ophthalmic diagnostic equipment. We started in the 1980s by developing the first ophthalmic pachymeter. Today, we feature a full line of diagnostic equipment including: 4Sight, A-Scan Plus Connect, B-Scan Plus, UBM Plus, PachPen handheld pachymeter, AccuPach VI, and AccuPen handheld tonometer.

As an extension of our great customer service, Accutome also offers in-house diagnostic product specialists. Our specialists are available during work hours, Monday through Friday 8am to 8pm EST.

### **Accutome Office Medications and Supplies**

Accutome carries thousands of diagnostic pharmaceuticals and clinical exam supplies. There are no minimum order requirements, and most products ship out on the same day. We run quarterly specials on our most popular products, which can be found on our website at www.accutome.com.

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### **PRODUCT NUMBER LOOKUP**

# AccuSharp Disposable Ophthalmic Knives

### **NON-GUARDED DISPOSABLE OPHTHALMIC KNIVES**

Item # Description Image

### AccuSharp Ophthalmic Angled Slit Knife

Disposable, single-use metal blades, ophthalmic angled slit knives with red handles. Comes with bevel up or double bevel options with a 45 degree angled tip. Packaged individually, sterile. Sold 6 per box.

Packageu Inulvio	Juany, Sterne. Solu o per bux.
AB-ASL10	1.0mm Angled Slit Knife
	1.0mm wide tip, blade is bevel up.
AB-ASL12	1.2mm Angled Slit Knife
	1.2mm wide tip, blade is bevel up.
AB-ASL18	1.8mm Angled Slit Knife
	1.8mm wide tip, blade is bevel up.
AB-ASLI8DB	1.8mm Angled Slit Knife
	1.8mm wide tip, blade is double bevel.
AB-ASL20	2.0mm Angled Slit Knife
	2.0mm wide tip, blade is bevel up.
AB-ASL22	2.2mm Angled Slit Knife
	2.2mm wide tip, blade is bevel up.
AB-ASL22DB	2.2mm Angled Slit Knife
	2.2mm wide tip, blade is double bevel.
AB-ASL23	2.3mm Angled Slit Knife
	2.3mm wide tip, blade is bevel up.
AB-ASL24	2.4mm Angled Slit Knife
	2.4mm wide tip, blade is bevel up.
AB-ASL24DB	2.4mm Angled Slit Knife
	2.4mm wide tip, blade is double bevel.
AB-ASL25	2.5mm Angled Slit Knife
	2.5mm wide tip, blade is bevel up.
AB-ASL25DB	2.5mm Angled Slit Knife
	2.5mm wide tip, blade is double bevel.
AB-ASL26	2.65mm Angled Slit Knife
	2.65mm wide tip, blade is bevel up.
AB-ASL26DB	2.65mm Angled Slit Knife
	2.65mm wide tip, blade is double bevel.
AB-ASL27	2.75mm Angled Slit Knife
	2.75mm wide tip, blade is bevel up.
AB-ASL27DB	2.75mm Angled Slit Knife
	2.75mm wide tip, blade is double bevel.
AB-ASL28	2.8mm Angled Slit Knife
	2.8mm wide tip, blade is bevel up.
AB-ASL28DB	2.8mm Angled Slit Knife
	2.8mm wide tip, blade is double bevel.
AB-ASL285	2.85mm Angled Slit Knife
	2.85mm wide tip, blade is bevel up.

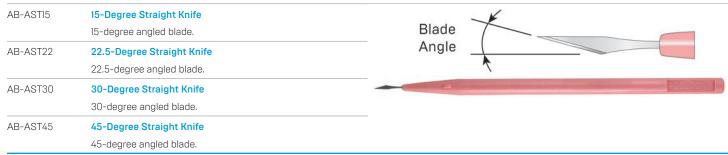


### **NON-GUARDED DISPOSABLE OPHTHALMIC KNIVES**

Item #	Description	lma
AB-ASL30	3.0mm Angled Slit Knife	
	3.0mm wide tip, blade is bevel up.	
AB-ASL30DB	3.0mm Angled Slit Knife	
	3.0mm wide tip, blade is double bevel.	
AB-ASL32	3.2mm Angled Slit Knife	
	3.2mm wide tip, blade is bevel up.	
AB-ASL32DB	3.2mm Angled Slit Knife	
	3.2mm wide tip, blade is double bevel.	
AB-ASL35	3.5mm Angled Slit Knife	
	3.5mm wide tip, blade is bevel up.	

### AccuSharp Ophthalmic Straight Knife

Disposable, single-use metal blades, ophthalmic straight knives with pink handles. Blades are available in various degrees but all blades are double bevel. Packaged individually, sterile. Sold 6 per box.



### AccuSharp Ophthalmic Sideport/MVR Knife

Disposable, single-use metal blades, ophthalmic Sideport/MVR knives with green handles. Blades are available in various sizes and gauges with angled or straight shafts. Packaged individually, sterile. Sold 6 per box.

AB-AVR10	1.0mm Angled Sideport	
	1.0mm wide sideport blade with angled shaft.	Width/
AB-AVRIOS	1.0mm Straight Sideport	Gauge *
	1.0mm wide sideport blade with straight shaft.	
AB-AVR12	1.2mm Angled Sideport	
	1.2mm wide sideport blade with angled shaft.	
AB-AVR19	19 Gauge MVR Lance	
	19 gauge MVR blade with straight shaft.	
AB-AVR19A	19 Gauge MVR Lance	
	19 gauge MVR blade with angled shaft.	
AB-AVR20	20 Gauge MVR Lance	
	20 gauge MVR blade with straight shaft.	
AB-AVR20A	20 Gauge MVR Lance	
	20 gauge MVR blade with angled shaft.	
AB-AVR23A	23 Gauge MVR Lance	
	23 gauge MVR blade with angled shaft.	
AB-AVR25	25 Gauge MVR Lance	
	25 gauge MVR blade with straight shaft.	

### **NON-GUARDED DISPOSABLE OPHTHALMIC KNIVES**

### Item # Description **Image**

### **AccuSharp Ophthalmic Crescent Knife**

Disposable, single-use metal blades, ophthalmic crescent knives with yellow handles. Crescent blades are rounded and measure 2.0mm in width. Blades are available with the bevel up or down and straight or angled. Packaged individually, sterile. Sold 6 per box.

AB-ACD26	Angled Crescent Knife	W 17 50 6 10		
	Blade is bevel down with 45-degree angled tip.	Blade	<b></b>	
AB-ACS20	Straight Crescent Knife	Width	<b>+</b>	
	Blade is bevel up with straight tip.			
AB-ACU26	Angled Crescent Knife			ROBUSTONE
	Blade is bevel up with 45-degree angled tip.			

### AccuSharp Ophthalmic Angled Implant Knife

Disposable, single-use metal blades, ophthalmic angled implant knives with blue handles. Blades are available in various widths and are bevel up with 45-degree angled tips. Packaged individually, sterile. Comes in a box of 6.

AB-ARS32	3.2mm R Slit Knife	
	3.2mm width blade.	Blade
AB-ARS35	3.5mm R Slit Knife	Width
	3.5mm width blade.	
AB-ARS4l	4.1mm R Slit Knife	
	4.1mm width blade.	
AB-ARS52	5.2mm R Slit Knife	
	5.2mm width blade.	

### Stab Knife

Beaver-Visitec and Sharpoint brand disposable stab knife tips that screw into handles, handles not included. Blue in color with 15-degree angled tips. Sold 6 per box.

AX14112 Beaver-Visitec Micro-Sharp Blade

Disposable 3.0mm restricted blade depth.

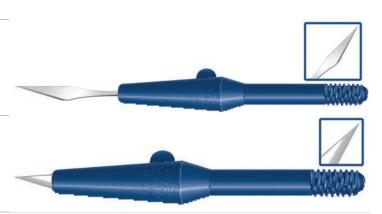


AX721502 **Sharpoint Stab Knife** 

> Sharpoint stab knives are heat-tempered to provide a strong, true point for easy penetration during initial stab incisions. Straight blade.

**Sharpoint Stab Knife** AX721532

> Sharpoint stab knives are heat-tempered to provide a strong, true point for easy penetration during initial stab incisions. 3.0mm straight restricted blade depth.

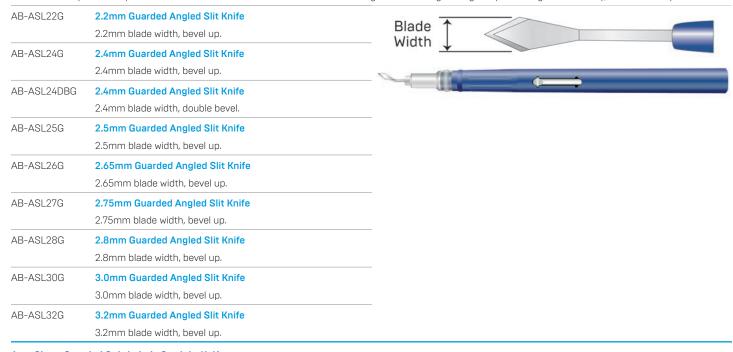


### **GUARDED DISPOSABLE OPHTHALMIC KNIVES**

### Item # Description Image

### AccuSharp Guarded Ophthalmic Angled Slit Knife

Disposable, single-use metal blades, ophthalmic angled slit knives with blue handles. Handle has smooth, single handed blade retraction and has ergonomic design. Blades have superior sharpness and are available in various widths and bevel designs with 45-degree angled tips. Packaged individually, sterile. Sold 6 per box.



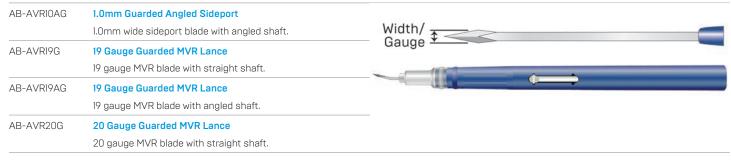
### AccuSharp Guarded Ophthalmic Straight Knife

Disposable, single-use metal blades, ophthalmic straight knives with blue handles. Handle has smooth, single handed blade retraction and has ergonomic design. Blades have superior sharpness and are available in various angles and are double bevel. Packaged individually, sterile. Sold 6 per box.



### AccuSharp Guarded Ophthalmic Sideport/MVR Knife

Disposable, single-use metal blades, ophthalmic Sideport and MVR knives with blue handles. Handle has smooth, single handed blade retraction and has ergonomic design. Blades have superior sharpness and are available in various sizes and are straight or angled. Packaged individually, sterile. Sold 6 per box.



### **GUARDED DISPOSABLE OPHTHALMIC KNIVES**

Item #	Description	
AB-AVR20AG	20 Gauge Guarded MVR Lance	
	20 gauge MVR blade with angled shaft.	
AB-AVR2IG	21 Gauge Guarded MVR Lance	
	2l gauge MVR blade with straight shaft.	
AB-AVR2IAG	21 Gauge Guarded MVR Lance	
	2l gauge MVR blade with angled shaft.	
AB-AVR23G	23 Gauge Guarded MVR Lance	
	23 gauge MVR blade with straight shaft.	
AB-AVR23AG	23 Gauge Guarded MVR Lance	
	23 gauge MVR blade with angled shaft.	
AB-AVR25G	25 Gauge Guarded MVR Lance	
	25 gauge MVR blade with straight shaft.	
AB-AVR25AG	25 Gauge Guarded MVR Lance	
	25 gauge MVR blade with angled shaft.	

### **AccuSharp Guarded Ophthalmic Crescent Knife**

Disposable single-use metal blades, crescent knife, 2.0mm, bevel up, 45-degree angled tip. Blue handle with smooth, single handed blade retraction. Packaged individually, sterile. Sold 6 per box.

AB-ACU26G 2.0mm Guarded Crescent Knife



### AccuSharp Guarded Ophthalmic LRI Knife

Disposable, single-use metal blades, ophthalmic LRI knives with blue handles. Handle has smooth, single handed blade retraction and has ergonomic design. Blades have superior sharpness and are available in various preset incision depths with a 1.0mm blade width. Packaged individually, sterile. Sold 6 per box.

AB-ALRI500G	500 Micron Guarded LRI Knife	Preset Depth ⊢
	500 micron preset incision depth.	1.0mm ↑
AB-ALRI550G	550 Micron Guarded LRI Knife	Blade Width ↓
	550 micron preset incision depth.	
AB-ALRI600G	600 Micron Guarded LRI Knife	
	600 micron preset incision depth.	

# **Diamond Knives**

# On the Cutting Edge

Accutome's diamond knives are the perfect blend of design and craftsmanship, in order to make superior corneal incisions. With an in-house repair facility, Accutome is able to provide high-quality repairs and quick repair turnaround times. By owning it's own diamond-cutting facility, Accutome is able to offer a diamond knife exchange program, allowing you to upgrade or change blade designs as your incision needs change.

### **Features**

- Unsurpassed sharpness
- Titanium and aluminum handles
- · Lifetime warranty on titanium handles
- More cost effective than metal blades
- · Variety of sizes and configurations available to fit your surgical needs

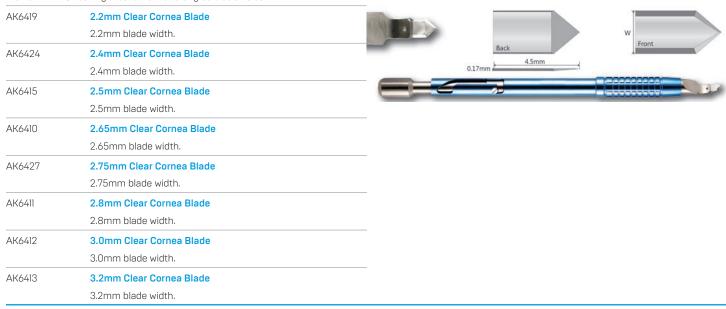
Please contact your Accutome sales representative at (800) 979.2020 or visit us on the web at www.accutome.com for additional information on our complete diamond knife product line.



Item # Description Image

### **Simplicity Series**

The Simplicity Series is the perfect blend of design and craftsmanship, helping make superior corneal incisions. The blade features a unique top and bottom bevel design, which creates a self-sealing incision without having to applanate or "dimple down". Various blade sizes available with four sharp sides. Handle is 100% titanium with J-locking mechanism and angled blade holder.



### **Simplicity Trapezoid Series**

The Simplicity Trapezoid Series is the perfect blend of design and craftsmanship, helping make superior corneal incisions. It features a blade with a unique top and bottom bevel design, which creates a self-sealing incision without having to applanate or "dimple down". Four sharp sided, trapezoid shaped blades with two different blade widths allowing for a small or large incision. Handle is 100% titanium with J-locking mechanism and angled blade holder.

AK6449	2.2mm/2.4mm Trapezoid Blade			
	2.2mm width at front of blade (width I) and 2.4mm width blade at back of blade (width 2).	Back	W2 Front	W1
AK6450	2.5mm/2.8mm Trapezoid Blade	0.17mm 4.5mm	 1	-t-Albi
	2.5mm width at front of blade (width I) and 2.8mm width blade at back of blade (width 2).	- OT		
AK6459	2.5mm/2.9mm Trapezoid Blade			
	2.5mm width at front of blade (width I) and 2.9mm width blade at back of blade (width 2).			
AK6461	2.5mm/3.0mm Trapezoid Blade			
	2.5mm width at front of blade (width I) and 3.0mm width blade at back of blade (width 2).			
AK6465	2.5mm/3.5mm Trapezoid Blade			
	2.5mm width at front of blade (width I) and 3.5mm width blade at back of blade (width 2).			
AK6451	2.65mm/3.0mm Trapezoid Blade			
	2.65mm width at front of blade (width I) and 3.0mm width blade at back of blade (width 2).			

Item #	Description	
AK6452	2.7mm/3.2mm Trapezoid Blade	
	2.7mm width at front of blade (width I) and 3.2mm width blade at back of blade (width 2).	
AK6453	2.8mm/3.0mm Trapezoid Blade	
	2.8mm width at front of blade (width 1) and 3.0mm width blade at back of blade (width 2).	
AK6458	2.8mm/3.2mm Trapezoid Blade	
	2.8mm width at front of blade (width I) and 3.2mm width blade at back of blade (width 2).	
AK6454	3.0mm/3.2mm Trapezoid Blade	
	3.0mm width at front of blade (width 1) and 3.2mm width blade at back of blade (width 2).	
AK6455	3.0mm/3.5mm Trapezoid Blade	
	3.0mm width at front of blade (width 1) and 3.5mm width blade at back of blade (width 2).	
AK6456	3.2mm/3.5mm Trapezoid Blade	
	3.2mm width at front of blade (width I) and 3.5mm width blade at back of blade (width 2).	

### **Dual Bevel Diamond Knife (Dual Sides Sharp)**

The Dual Bevel series provides a great combination of performance and affordability. Every Accutome blade is manufactured to the highest quality and specifications inside of our Accutome facility. Various blade sizes available with two sharp sides. Handle is 100% titanium with J-locking mechanism and angled blade holder.

AK6007S	1.65mm Dual Bevel Blade	1
	1.65mm blade width.	w
AK6009S	2.2mm Dual Bevel Blade	
	2.2mm blade width.	<b>—————————————————————————————————————</b>
AK6023S	2.4mm Dual Bevel Blade	
	2.4mm blade width.	
AK6005-45	2.5mm Dual Bevel Blade	
	2.5mm blade width.	
AK6000-45	2.65mm Dual Bevel Blade	
	2.65mm blade width.	
AK6001-45	2.8mm Dual Bevel Blade	
	2.8mm blade width.	
AK6002-45	3.0mm Dual Bevel Blade	
	3.0mm blade width.	
AK6003-45	3.2mm Dual Bevel Blade	
	3.2mm blade width.	

Item # Description Image

### **Dual Bevel Diamond Knife (Four Sides Sharp)**

The Dual Bevel Series provides a great combination of performance and affordability. Every Accutome blade is manufactured to the highest quality and specifications inside of our Accutome facility. Various blade sizes available with four sharp sides. Handle is 100% titanium with J-locking mechanism and angled blade holder.



### **Dual Bevel Trapezoid Diamond Knife**

The Dual Bevel series provides a great combination of performance and affordability. Every Accutome blade is manufactured to the highest quality and specifications inside of our Accutome facility. Four sharp sided, trapezoid shaped blades with two different blade widths allowing for a small or large incision. Handle is 100% titanium with J-locking mechanism and angled blade holder.

AK6047	1.2mm/1.4mm Trapezoid Blade				
	1.2mm width at front of blade (width I) and 1.4mm width blade at back of blade (width 2).		0.17mm	4.5mm	W2 W1
AK6072	2.0mm/2.2mm Trapezoid Blade	-			
	2.0mm width at front of blade (width I) and 2.2mm width blade at back of blade (width 2).				
AK6070-60	2.2mm/2.5mm Trapezoid Blade				
	2.2mm width at front of blade (width I) and 2.5mm width blade at back of blade (width 2).				
AK6050	2.5mm/2.8mm Trapezoid Blade				
	2.5mm width at front of blade (width I) and 2.8mm width blade at back of blade (width 2).				

Item #	Description	
AK6059	2.5mm/2.9mm Trapezoid Blade	
	2.5mm width at front of blade (width I) and 2.9mm width blade at back of blade (width 2).	
AK6064	2.5mm/3.0mm Trapezoid Blade	
	2.5mm width at front of blade (width I) and 3.0mm width blade at back of blade (width 2).	
AK6060	2.5mm/3.2mm Trapezoid Blade	
	2.5mm width at front of blade (width I) and 3.2mm width blade at back of blade (width 2).	
AK6065	2.5mm/3.5mm Trapezoid Blade	
	2.5mm width at front of blade (width I) and 3.5mm width blade at back of blade (width 2).	
AK6051	2.65mm/3.0mm Trapezoid Blade	
	2.65mm width at front of blade (width I) and 3.0mm width blade at back of blade (width 2).	
AK6052	2.7mm/3.2mm Trapezoid Blade	
	2.7mm width at front of blade (width I) and 3.2mm width blade at back of blade (width 2).	
AK6053	2.8mm/3.0mm Trapezoid Blade	
	2.8mm width at front of blade (width I) and 3.0mm width blade at back of blade (width 2).	
AK6058	2.8mm/3.2mm Trapezoid Blade	
	2.8mm width at front of blade (width I) and 3.2mm width blade at back of blade (width 2).	
AK6067	2.8mm/3.5mm Trapezoid Blade	
	2.8mm width at front of blade (width I) and 3.5mm width blade at back of blade (width 2).	
AK6054	3.0mm/3.2mm Trapezoid Blade	
	3.0mm width at front of blade (width I) and 3.2mm width blade at back of blade (width 2).	

### **SPECIALTY DIAMOND KNIVES**

Item #	Description	Image

### **Crescent Diamond Knife**

Accutome's Crescent blades are manufactured in-house, making it a high-quality product at an affordable price. Crescent blades have rounded blade tips that are available in various blade widths. Handle is 100% titanium with J-locking mechanism and angled blade holder.

AK6044	1.0mm Crescent Blade	
	1.0mm blade width.	0.17mm 4.5mm W
AK6040	1.4mm Crescent Blade	
	1.4mm blade width.	
AK6041	2.0mm Crescent Blade	
	2.0mm blade width.	

### **SPECIALTY DIAMOND KNIVES**

Item # Description Image

### **Sclerostomy Diamond Knife**

Designed for implanting the Ex-Press filtration device. Blade measures 0.4mm in width and has two sharp sides. Handle is 100% titanium with J-locking mechanism and straight blade holder.

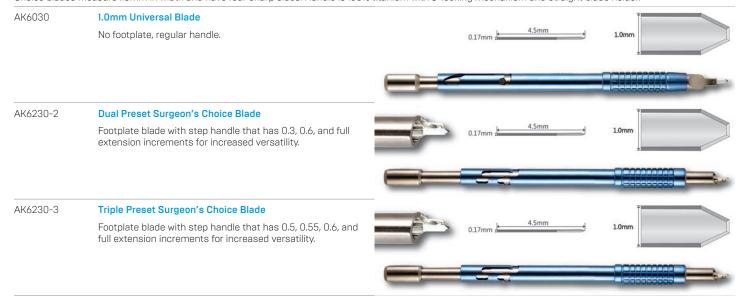
AK6180

**Sclerostomy Lancet** 



### **Universal Cataract Diamond Knife**

Accutome's Universal Cataract diamond knives are manufactured in-house, making it a high-quality product at an affordable price. The Universal and Surgeon's Choice blades measure 1.0mm in width and have four sharp sides. Handle is 100% titanium with J-locking mechanism and straight blade holder.



### PARACENTESIS/STAB DIAMOND KNIVES

Item # Description Image

### **Hawkeye Series**

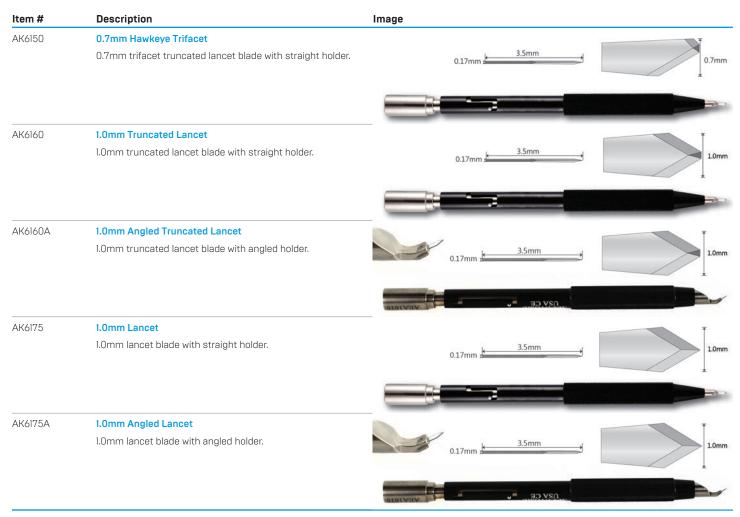
Hawkeye Series knives are the most used knives in all of ophthalmic surgery. The Hawkeye Series provides great value and sharpness for paracentesis incisions. Every Accutome blade is manufactured to the highest quality and specifications inside of our Accutome facility. These lancet blades measure 1.0mm in width and come in various styles with either a straight or angled holder. Handle is aluminum with J-locking mechanism.

AK6130 0.7mm Truncated Lancet

0.7mm truncated lancet blade with straight holder.



### **PARACENTESIS/STAB DIAMOND KNIVES**



### **Hawkeye Premium Series**

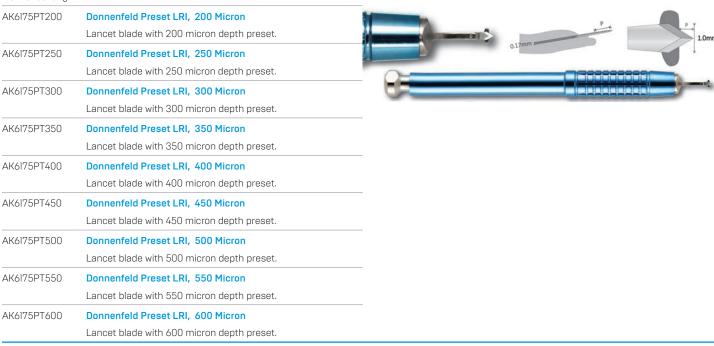
The Hawkeye Premium Series is manufactured in-house, making it a high-quality product at an affordable price. The blades measure 1.0mm in width and come in various styles. Handle is 100% titanium with J-locking mechanism and straight holders.

AK5015	1.0mm Trifacet Freehand	1
	Trifacet blade with two sides sharp.	0.17mm 4.5mm 1.0mm
AK6026	45-Degree Single-Edge Freehand	
	45-degree blade with one side sharp.	0.17mm 4.5mm 1.0mm
AK6016-60	1.0mm Clear Cornea Lancet	
	Blade with four sides sharp.	0.17mm 4.5mm 1.0mm

Item# Description Image

### Donnenfeld Preset LRI, Long Handle

Please note that custom preset options are available. These long-handled preset Donnenfeld lancet blades are available in various desired preset specifications. Blades are at a 15-degree angle for better applanation, are 1.0mm in width, and have a winged footplate for superior control. Handle is 100% titanium and measures 4.5 inches long.



### Donnenfeld Preset LRI, Short Handle

Please note that custom preset options are available. These short-handled preset Donnenfeld lancet blades are available in various desired preset specifications. Blades are at a 15-degree angle for better applanation, are 1.0mm in width, and have a winged footplate for superior control. Handle is 100% titanium and measures 2.625 inches long.

AK6175SPT200	Donnenfeld Preset LRI, 200 Micron	P
	Lancet blade with 200 micron depth preset.	0.17mm
AK6175SPT250	Donnenfeld Preset LRI, 250 Micron	
	Lancet blade with 250 micron depth preset.	
AK6175SPT300	Donnenfeld Preset LRI, 300 Micron	
	Lancet blade with 300 micron depth preset.	
AK6175SPT350	Donnenfeld Preset LRI, 350 Micron	
	Lancet blade with 350 micron depth preset.	
AK6175SPT400	Donnenfeld Preset LRI, 400 Micron	
	Lancet blade with 400 micron depth preset.	
AK6175SPT450	Donnenfeld Preset LRI, 450 Micron	
	Lancet blade with 450 micron depth preset.	
AK6175SPT500	Donnenfeld Preset LRI, 500 Micron	
	Lancet blade with 500 micron depth preset.	
AK6175SPT550	Donnenfeld Preset LRI, 550 Micron	
	Lancet blade with 550 micron depth preset.	
AK6175SPT600	Donnenfeld Preset LRI, 600 Micron	
	Lancet blade with 600 micron depth preset.	

Item # Description Image

### **Donnenfeld Preset Truncated Lancet, Long Handle**

Please note that custom preset options are available. These long-handled preset Donnenfeld truncated lancet blades are available in various desired preset specifications. Blades are at a 15-degree angle for better applanation, are 1.0mm in width, and have a winged footplate for superior control. Handle is 100% titanium and measures 4.5 inches long.

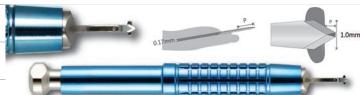
and measures 4.5 mones long.			
AK6160PT200	Donnenfeld Preset Truncated Lancet, 200 Micron		
	Truncated lancet blade with 200 micron depth preset.		
AK6160PT250	Donnenfeld Preset Truncated Lancet, 250 Micron		
	Truncated lancet blade with 250 micron depth preset.		
AK6160PT300	Donnenfeld Preset Truncated Lancet, 300 Micron		
	Truncated lancet blade with 300 micron depth preset.		
AK6160PT350	Donnenfeld Preset Truncated Lancet, 350 Micron		
	Truncated lancet blade with 350 micron depth preset.		
AK6160PT400	Donnenfeld Preset Truncated Lancet, 400 Micron		
	Truncated lancet blade with 400 micron depth preset.		
AK6160PT450	Donnenfeld Preset Truncated Lancet, 450 Micron		
	Truncated lancet blade with 450 micron depth preset.		
AK6160PT500	Donnenfeld Preset Truncated Lancet, 500 Micron		
	Truncated lancet blade with 500 micron depth preset.		
AK6160PT550	Donnenfeld Preset Truncated Lancet, 550 Micron		
	Truncated lancet blade with 550 micron depth preset.		
AK6160PT600	Donnenfeld Preset Truncated Lancet, 600 Micron		
	Truncated lancet blade with 600 micron depth preset.		



### **Donnenfeld Preset Truncated Lancet, Short Handle**

Please note that custom preset options are available. These short-handled preset Donnenfeld truncated lancet blades are available in various desired preset specifications. Blades are at 15-degree angle for better applanation, are 1.0mm in width, and have a winged footplate for superior control. Handle is 100% titanium and measures 2.625 inches long.

AK6160SPT200	Donnenfeld Preset Truncated Lancet, 200 Micron
	Truncated lancet blade with 200 micron depth preset.
AK6160SPT250	Donnenfeld Preset Truncated Lancet, 250 Micron
	Truncated lancet blade with 250 micron depth preset.
AK6160SPT300	Donnenfeld Preset Truncated Lancet, 300 Micron
	Truncated lancet blade with 300 micron depth preset.
AK6160SPT350	Donnenfeld Preset Truncated Lancet, 350 Micron
	Truncated lancet blade with 350 micron depth preset.
AK6160SPT400	Donnenfeld Preset Truncated Lancet, 400 Micron
	Truncated lancet blade with 400 micron depth preset.
AK6160SPT450	Donnenfeld Preset Truncated Lancet, 450 Micron
	Truncated lancet blade with 450 micron depth preset.
AK6160SPT500	Donnenfeld Preset Truncated Lancet, 500 Micron
	Truncated lancet blade with 500 micron depth preset.
AK6160SPT550	Donnenfeld Preset Truncated Lancet, 550 Micron
	Truncated lancet blade with 550 micron depth preset.
AK6160SPT600	Donnenfeld Preset Truncated Lancet, 600 Micron
	Truncated lancet blade with 600 micron depth preset.



Item # Description Image

### **Chang LRI Diamond Knife**

A l.Omm wide lancet blade developed specifically for correcting astigmatism using an intraoperative wavefront aberrometer. Customized, 3.5-inch, gold, aluminum, straight handle design to provide better control within shorter working distance. Winged footplate provides superior visualization and reduces epithlium drag. Highest quality preset diamond blade. Fully retractable J-locking mechanism for blade and sharps protection.

AK6175PC Chang LRI Diamond Knife



### Rubenstein Preset LRI, Long Handle

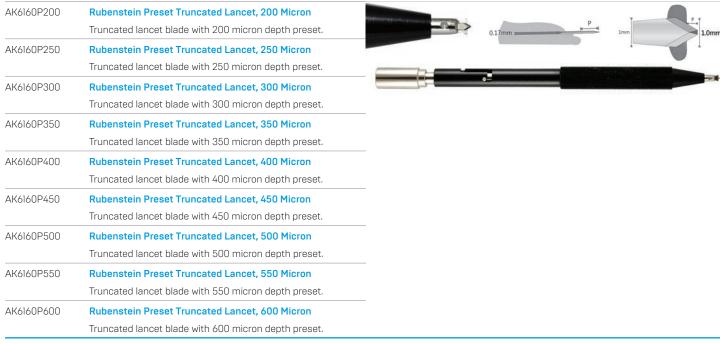
Please note that custom preset options are available. These long-handled Rubenstein Preset LRI lancet diamond knives measure 1.0mm in width and are available in various desired preset specifications. Winged footplate for superior control. Handle is straight aluminum and measures 4.75 inches long.

AK6175P200	Rubenstein Preset LRI, 200 Micron	The state of the s		
	Lancet blade with 200 micron depth preset.	-04	0.17mm	1.0mm
AK6175P250	Rubenstein Preset LRI, 250 Micron			
	Lancet blade with 250 micron depth preset.			
AK6175P300	Rubenstein Preset LRI, 300 Micron	•		
	Lancet blade with 300 micron depth preset.			
AK6175P350	Rubenstein Preset LRI, 350 Micron			
	Lancet blade with 350 micron depth preset.	_		
AK6175P400	Rubenstein Preset LRI, 400 Micron			
	Lancet blade with 400 micron depth preset.			
AK6175P450	Rubenstein Preset LRI, 450 Micron			
	Lancet blade with 450 micron depth preset.			
AK6175P500	Rubenstein Preset LRI, 500 Micron			
	Lancet blade with 500 micron depth preset.			
AK6175P550	Rubenstein Preset LRI, 550 Micron			
	Lancet blade with 550 micron depth preset.			
AK6175P600	Rubenstein Preset LRI, 600 Micron			
	Lancet blade with 600 micron depth preset.			

Item # Description Image

### **Rubenstein Preset Truncated Lancet, Long Handle**

Please note that custom preset options are available. These long-handled Rubenstein Preset truncated lancet diamond knives measure 1.0mm in width and are available in various desired preset specifications. Winged footplate for superior control. Handle is straight aluminum and measures 4.75 inches long.



### Rubenstein Preset LRI, Short Handle

Please note that custom preset options are available. These short-handled Rubenstein Preset LRI lancet diamond knives measure 1.0mm in width and are available in various desired preset specifications. Winged footplate for superior control. Handle is straight aluminum and measures 2.75 inches long.

AK6175SP200	Rubenstein Preset LRI, 200 Micron			
	Lancet blade with 200 micron depth preset.	-0-	0.17mm	
AK6175SP250	Rubenstein Preset LRI, 250 Micron			
	Lancet blade with 250 micron depth preset.			
AK6175SP300	Rubenstein Preset LRI, 300 Micron		•=	
	Lancet blade with 300 micron depth preset.			
AK6175SP350	Rubenstein Preset LRI, 350 Micron			
	Lancet blade with 350 micron depth preset.			
AK6175SP400	Rubenstein Preset LRI, 400 Micron			
	Lancet blade with 400 micron depth preset.			
AK6175SP450	Rubenstein Preset LRI, 450 Micron			
	Lancet blade with 450 micron depth preset.			
AK6175SP500	Rubenstein Preset LRI, 500 Micron			
	Lancet blade with 500 micron depth preset.			
AK6175SP550	Rubenstein Preset LRI, 550 Micron			
	Lancet blade with 550 micron depth preset.			

Item #	Description	Image
AK6175SP600	Rubenstein Preset LRI, 600 Micron	
	Lancet blade with 600 micron depth preset.	

### Surgeon's Choice Adjustable

Please note that any diamond knife orders will be processed as separate orders in house. Other pre-set options are available upon request. Blade with various adjustable pre-set handle steps. Blade measures 1.0mm in width and each knife has a wide footplate design. Handle is 100% titanium and has a straight holder.



### Micrometer

Variety of I.0mm blade styles mounted in an adjustable micrometer handle. Dual footplate for superior control. 100% titanium handle.



Item#	Description	Image
AK5004	Tri-Square Micrometer	1
	Tri-Square (Triple 90) Blade mounted in an adjustable micrometer handle.	0.17mm 4.5mm 1.0mm
AK5017	Triple 90 Micrometer	250microns
	Tri-Square (Triple 90) Blade mounted in an adjustable micrometer handle. 250 micron cutting depth.	0.17mm 4.5mm 1.0mm
		400 V ACCUIONE



### **KERATOME SAPPHIRE KNIVES**

Item # Description Image

### Clear Cornea Sapphire Knife

Variety of sapphire blade widths. Aluminum handle with J-locking mechanism and angled holder.

AK0018L	1.5mm Clear Cornea Sapphire 1.5mm wide clear cornea blade.	
AK0019L	2.2mm Clear Cornea Sapphire	
	2.2mm wide clear cornea blade.	
AK0011L	<ul><li>2.8mm Clear Cornea Sapphire</li><li>2.8mm wide clear cornea blade.</li></ul>	
AK0012L	3.0mm Clear Cornea Sapphire	
	3.0mm wide clear cornea blade.	
AK0013L	3.2mm Clear Cornea Sapphire	
	3.2mm wide clear cornea blade.	

### **Spear Sapphire Knife**

Variety of sapphire blade widths. Aluminum handle with J-locking mechanism and angled holder.

AK0001L	2.8mm Lance Sapphire Knife	
	2.8mm wide spear blade.	2
AK0002L	3.0mm Lance Sapphire Knife	A
	3.0mm wide spear blade.	
AK0003L	3.2mm Lance Sapphire Knife	
	3.2mm wide spear blade.	

### **Trapezoid Sapphire Knife**

Four sharp-sided, trapezoid-shaped blades with two different blade widths allowing for a small or large incision. Aluminum handle with J-locking mechanism and angled holder.

AK0038	0.9mm/1.2mm Trapezoid Sapphire		
	0.9mm width at front of blade (width I) and I.2mm width blade at back of blade (width 2).		w2
AK0025	2.2mm/2.5mm Trapezoid Sapphire		
	2.2mm width at front of blade (width I) and 2.5mm width blade at back of blade (width 2).		=
AK0061	2.5mm/3.0mm Trapezoid Sapphire	<del></del>	
	2.5mm width at front of blade (width I) and 3.0mm width blade at back of blade (width 2).		
AK0060	2.5mm/3.2mm Trapezoid Sapphire		
	2.5mm width at front of blade (width I) and 3.2mm width blade at back of blade (width 2).		

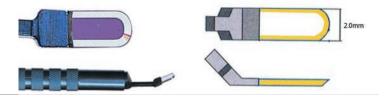
# **CRESCENT SAPPHIRE KNIVES**

Item # Description Image

# **Crescent Sapphire Knife**

2.0mm crescent blade. Aluminum handle with J-locking mechanism. Angled holder.

AK004l 2.0mm Crescent Sapphire



# **SAPPHIRE STAB KNIVES**

Item # Description Image

# **Lancet Sapphire Knife**

1.0mm lance blade. Aluminum handle with J-locking mechanism. Straight holder.

AK0035 1.0mm Lance Sapphire



# Single-Edge Sapphire Knife

 ${\it 1.0} mm\ single-edge\ blade.\ Aluminum\ handle\ with\ J-locking\ mechanism.\ Straight\ holder.$ 

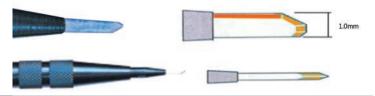
AK0009 1.0mm Single-Edge Sapphire



# **Trifacet Sapphire Knife**

 $\hbox{1.0mm trifacet blade. Aluminum handle with $J$-locking mechanism. Straight holder.}\\$ 

AK0010 1.0mm Trifacet Sapphire



# We Have You Covered

Accutome provides a wide range of repair services including: Phaco Handpiece, Handheld Instrument, and Diamond Knives (all brands and all styles). Accutome can also repair a long list of ultrasound equipment. Our experienced staff provides quality, professional service utilizing technologically advanced in-house repair facilities.

# **Specific Repair Services Include:**

# **Phaco Handpiece Repair**

- Servicing all major brands, with 6- or 12-month warranty, 5-day repair turnaround.
- · Refurbished handpieces available in most makes and models.

# **Diamond Knife Repair**

- Any size and any style knife can be repaired, usually within 24 hours. We will refurbish your old handles when your diamond blades are repaired.
- Diamond Exchange Program allows you to upgrade or change blade designs and sizes
  as your incisional needs change. Accutome will replace the older blade in your diamond
  knife with a new state-of-the-art Clear Cornea, Simplicity one pass, or Phaco blade for
  the price of a repair.
- Exact Size Guarantee within 60 days of a diamond knife purchase, Accutome adjusts diamond widths at no extra charge should the surgeon require a larger or smaller incision.

# **Instrument Repair**

- Any handheld surgical instrument can be repaired.
- Forceps straightening, aligning, and remanufacturing forceps teeth.
- Scissors sharpening and refurbishing
- Hooks and manipulators
- · Needle holders
- Speculums

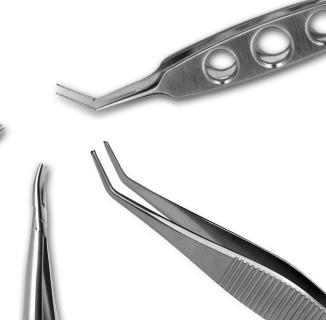
# **Handpieces**

· Most makes and models

# **Camera Repair**

# Servicing many brands, including:

- Stryker
- Storz
- Dyonics
- Olympus
- Linvatec





# **BIPOLAR CABLES & PROBES**

Item # Description Image

# **Bipolar Cables**

Reusable TPR (thermoplastic rubber) bipolar cables 12 inches, straight connection, universal 2 pin fitting. Fits 4mm banana-plug style generators. Good for use with steam sterilization.

AM0830

Straight Bipolar Cable

Straight connector.



AM0831

**Angled Bipolar Cable** 

45-degree connector.



### **Cautery Probe**

Straight tip. Reusable.

AF0160 Cautery Probe 18g

18 gauge probe.

AF0162 Cautery Probe 20g

20 gauge probe.



# **BIPOLAR FORCEPS**

Item # Description Image

# **Adson Bipolar Forceps**

Straight shafts, 1.0mm wide tips. Flat handle. Overall length: 127mm.

AF0125 Adson Bipolar Forceps, Straight

1.0mm wide serrated tips. Insulated handle. Overall length:

127mm.



1.0mm wide non-stick tips. Overall length: 127mm.



# **BIPOLAR FORCEPS**

Item # Description Image

# **Coaptation Bipolar Forceps**

Curved shafts, angled 0.6mm wide non-stick tips, wide, flat handle. Non-insulated. Overall length: 114mm.

AF0100 Coaptation Bipolar Forceps



# **Jewelers Bipolar Forceps**

Straight shafts with fine pointed tips. Smooth handle with dull finish. Overall length: 120mm.

AF0120 Non-insulated Jewelers Bipolar Forceps

Non-insulated.



AF0120 IN Insulated Jewelers Bipolar Forceps

Insulated.



# **McPherson Bipolar Forceps**

Straight and angled shafts, 0.4mm wide non-stick tips. Flat handle. Overall length: 95mm.

AF0130 McPherson Bipolar Forceps, Angled

Angled shafts, non-insulated.



AF0130 I McPherson Bipolar Forceps, Angled

Angled shafts, insulated.



AF0140 McPherson Bipolar Forceps, Straight

Straight shafts, non-insulated.



# **BIPOLAR FORCEPS**

Item# Description Image

# **Shepard Bipolar Forceps**

Angled shafts with 4mm platform. Smooth handle with dull finish. Non-insulated. Overall length: 120mm.

AF0145 A Shepard Bipolar Forceps



# Calipers, Gauges & Markers

# **CALIPERS**

Item # Description Image

# **Braunstein Fixed Caliper**

Aphakic: 3.5mm. Phakic: 4mm. Overall length: 80mm.

AR0155 Braunstein Fixed Caliper



# Castroviejo Caliper

Measures 0mm-20mm in 1.0mm increments. Screw-locking mechanism. Overall length: 89mm.

AR0140 Castroviejo Caliper

Curved blades.

AR0150 Castroviejo Caliper

Straight blades.

AR0150TI Castroviejo Caliper

Straight titanium blades.



# **Jameson Caliper**

Angled tips, measures 0mm to 80mm with 1.0mm increments. Overall length: 95mm.

AR0260 Jameson Caliper



# **CALIPERS**

Item # Description Image

# **Stahl Corneal Caliper**

Measures 10-13mm in 0.5mm increments.

AR0380

Stahl Caliper



# **GAUGES**

Item # Description Image

# Mendez Degree Gauge

Outside diameter 18mm. Inside diameter 12mm. Markings on top of instrument, 10-degree increments. Round handle. Overalll length: 114mm.

AR0121 Stainless Steel Gauge

Made from stainless steel.

AR012ITI

Titanium Gauge

Made from titanium.



# **MARKERS**

Item # Description Image

# **Bores Axis Marker**

Designed to fit inside of degree gauge for axis marking. Round handle.

AR0120 Bores Axis Marker



Item # Description Image

# **Chayet Marker**

Stainless steel corneal marker that is to be used during LASIK surgery for identifying and realigning the lamellar flap. Marking pattern uses a small, medium, and large circle. Flat handle. Overall length: 106mm.

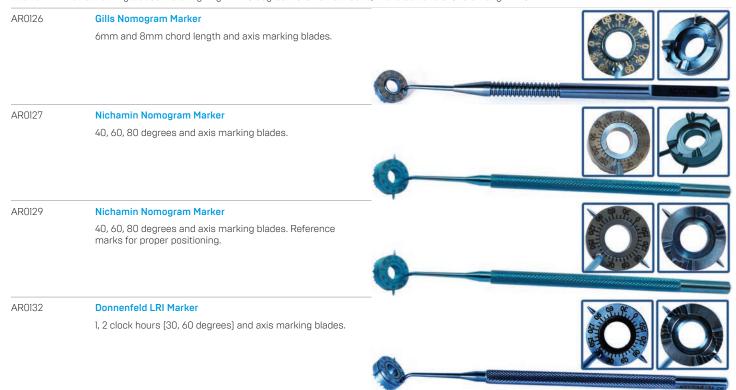
AR4120



# **Dell LRI Astigmatism Marker**

**Chayet Marker** 

Titanium with axis marking blades. Rotating ring with 10 degree increments. Round, knurdled handle. Overall length: 120mm.



Item # Description Image

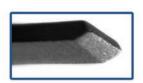
# Devgan Axis Marker

The Devgan Axis Markers are designed to improve toric IOL axis and centration accuracy for better outcomes. The marking blades fit most standard goldman tonometer housings. Hollow center allows surgeon to center marks with pupil without the use of gentian violet ink. Markers are 6mm or 9mm on the inside of the blades and 9 to 12mm on the outside. Markers are either smooth and angled or pointed and angled. Marks 0 to 180 degrees in 10-degree increments.

# AR8000

# 6-9mm Marking Blade

Marking blades are 6mm apart on the inside and 9mm apart on the outside. Tips of marker are smooth and angled.





### AR8001

### 9-12mm Marking Blade

Marking blades are 9mm apart on the inside and l2mm apart on the outside. Tips of marker are smooth and angled.

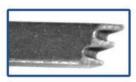




### AR8002

# 6-9mm Marking Blade

Marking blades are 6mm apart on the inside and 9mm apart on the outside. Tips of marker have three points and are angled. This tip will leave three dots on each side and is used for toric IOL marking.





# **Hoffer Optical Zone Marker**

Various marker diameters with cross hairs. Round handle. Overall length: 108mm.

AR0250 4.00	4mm Optical Zone Marker 4.0mm diameter with cross hairs.	
AR0250 4.50	4.5mm Optical Zone Marker 4.5mm diameter with cross hairs.	
AR0250 5.00	5.0mm Optical Zone Marker 5.0mm diameter with cross hairs.	

Item #	Description	
AR0250 5.50	5.5mm Optical Zone Marker	
	5.5mm diameter with cross hairs.	
AR0250 5.75	5.75mm Optical Zone Marker	
	5.75mm diameter with cross hairs.	
AR0250 6.00	6.0mm Optical Zone Marker	
	6.0mm diameter with cross hairs.	
AR0250 8.00	8.0mm Optical Zone Marker	
	8.0mm diameter with cross hairs.	
AR0250 8.5	8.5mm Optical Zone Marker	
	8.5mm diameter with cross hairs.	
AR0250 9.00	9.0mm Optical Zone Marker	
	9.0mm diameter with cross hairs.	

# **LASIK Corneal Marker**

Three marking blades. Round handle.

AR4l30 LASIK Corneal Marker



# Osher-Neumann Radial Incision Marker

Marking blades, low profile. Round handle.

AR0400 8 Osher-Neumann Radial Marker

8 marking blades.



AR0400 12 Osher-Neumann Radial Marker

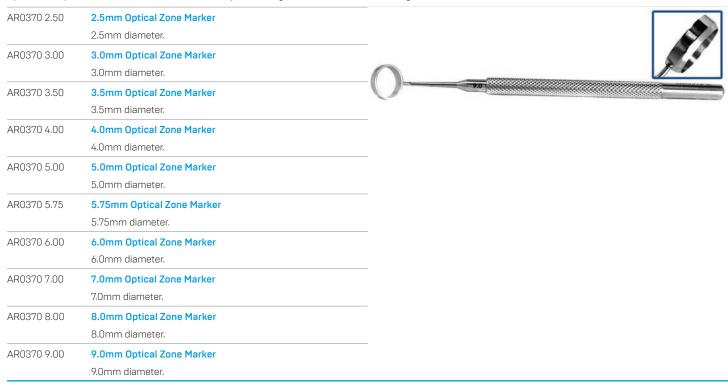
12 marking blades.



Item # Description Image

# **Plain Optical Zone Marker**

Open circle tip with various diameter sizes and low profile design. Round Handle. Overall length: 95mm.



### **Rubenstein LASIK Corneal Marker**

Five marking blades. Flat handle.

AR4150 Rubinstein LASIK Corneal Marker



# **Toric Lens Marker**

Titanium. Axis marking blades. Rotating ring with 10-degree increments. Round, knurdled handle.

AR0146 Toric Lens Marker
Overall length: 127mm.

AR0148 Toric Lens Marker
Overall length: 120mm.

Item # Description Image

# **Toric Reference Marker**

Three marking blades at 0, 90, and 180 degrees. 15mm diameter. Designed for marking with patient in the upright position.

AR0145 Toric Reference Marker



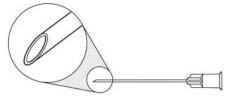
# Cannulas & Cystotomes

# Item # Description Image

# **Atkinson Retrobulbar Needle**

The Atkinson Retrobulbar Needle has a straight shaft and needle tip. Disposable, sold 10 per box. Overall length: 38mm.

AX10414	Retrobulbar Needle, 23g	
	23 gauge.	
AXII1637	Retrobulbar Needle, 25g	
	25 gauge.	
AX14571	Retrobulbar Needle, 27g	
	27 gauge.	



# **Atkinson Peribulbar Needle**

The AccuSurgical disposable Atkinson Peribulbar Needle has a straight shaft and needle tip. Available between 16mm and 32mm total length and 23 to 27 gauge. Sold 10 per box.

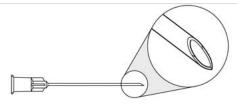
AX14576	Peribulbar Needle, 23g
	23 gauge. Overall length: 16mm.
AX14577	Peribulbar Needle, 23g
	23 gauge. Overall length: 22mm.
AX10853	Peribulbar Needle, 23g
	23 gauge. Overall length: 32mm.
AX14572	Peribulbar Needle, 25g
	25 gauge. Overall length: 16mm.
AXII5027	Peribulbar Needle, 25g
	25 gauge. Overall length: 22mm.
AX111642	Peribulbar Needle, 25g
	25 gauge. Overall length: 32mm.
AX14568	Peribulbar Needle, 27g
	27 gauge. Overall length: 22mm.
AXI2045	Peribulbar Needle, 27g
	27 gauge. Overall length: 32mm.



# Non Atkinson Retrobulbar Needle

The AccuSurgical disposable Non Atkinson Retrobulbar Needle has a straight shaft and needle tip. Available between 25 to 27 gauge with an overall length of 38mm. Sold 10 per box.

AX14580	Non Atkinson Retrobulbar Needle, 25g
	25 gauge.
AX14581	Non Atkinson Retrobulbar Needle, 26g
	26 gauge.
AX14582	Non Atkinson Retrobulbar Needle, 27g
	27 gauge.
	·

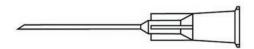


### Item # Description Image

# Non Atkinson Peribulbar Needle

The AccuSurgical disposable Non Atkinson Peribulbar Needle has a straight shaft and needle tip. Available between 23 to 30 gauge and 16mm to 25mm in overall length. Sold 10 per box.

AX14585	Non Atkinson Peribulbar Needle, 23g
	23 gauge. Overall length: 16mm.
AX14586	Non Atkinson Peribulbar Needle, 25g
	25 gauge. Overall length: 16mm.
AX14584	Non Atkinson Peribulbar Needle, 25g
	25 gauge. Overall length: 22mm.
AX14583	Non Atkinson Peribulbar Needle, 25g
	25 gauge. Overall length: 25mm.
AXI4587	Non Atkinson Peribulbar Needle, 27g
	27 gauge. Overall length: 16mm.
AX14588	Non Atkinson Peribulbar Needle, 30g
	30 gauge. Overall length: 16mm.



### Sub Tenon Anesthesia Cannula

The AccuSurgical disposable Sub Tenon Anesthesia Cannula has either a curved or angled shaft with various tip types. Available in 19 or 21 gauge and 22mm to

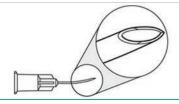
AX10914	Sub Tenon Cannula, 19g	
	19 gauge, curved shaft, flattened tip. Overall length: 25mm.	
AX14593	Sub Tenon Cannula, 19g	
	19 gauge, angled shaft, 7mm from bend to tip, blunt tip, tri port. Overall length: 25mm.	
AXI25176	Sub Tenon Cannula, 19g	
, , , , , , , , , , , , , , , , , , , ,	19 gauge, curved shaft, open tip. Overall length: 22mm.	
AX14592	Sub Tenon Cannula, 19g	
	19 gauge, curved shaft, blunt tip, tri port. Overall length: 25mm.	
AX14590	Sub Tenon Cannula, 21g	
	2l gauge, curved shaft, blunt tip, tri port. Overall length: 22mm.	

Item #	Description	Image
AX14591	Sub Tenon Cannula, 21g	
	2l gauge, angled shaft, 7mm from bend to tip, blunt tip, tri port. Overall length: 22mm.	

### Rous Sub Tenon/Parabulbar Needle

19 gauge, angled shaft, 7mm from bend to tip, needle tip, tri port. Disposable, sold 10 per box. Overall length: 25mm.

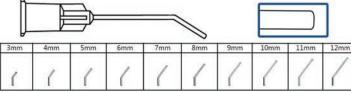
AXI4594 Rous Sub Tenon/Parbulbar Needle, 19g



# Anterior Chamber Cannula, Angled

Our single-use Anterior Chamber Cannula, also known as Air Injection, Rycroft, and Viscoelastic cannula, is available from 19 to 30 gauge. Every cannula has a 32-degree angled shaft with blunt and polished tips for smoother radii. Overall length ranges from 22mm to 25mm. Sold 10 per box, unless specified otherwise.

AX14655	Anterior Chamber Cannula, 19g
	19 gauge, 3mm from bend to tip. Overall length: 25mm.
AX14656	Anterior Chamber Cannula, 19g
	19 gauge, 4mm from bend to tip. Overall length: 25mm.
AX14657	Anterior Chamber Cannula, 19g
	19 gauge, 5mm from bend to tip. Overall length: 25mm.
AX14658	Anterior Chamber Cannula, 19g
	19 gauge, 6mm from bend to tip. Overall length: 25mm.
AX14659	Anterior Chamber Cannula, 19g
	19 gauge, 7mm from bend to tip. Overall length: 25mm.
AX14660	Anterior Chamber Cannula, 19g
	19 gauge, 8mm from bend to tip. Overall length: 25mm.
AX14661	Anterior Chamber Cannula, 19g
	19 gauge, 9mm from bend to tip. Overall length: 25mm.
AX14662	Anterior Chamber Cannula, 19g
	19 gauge, 10mm from bend to tip. Overall length: 25mm.
AX14663	Anterior Chamber Cannula, 19g
	19 gauge, Ilmm from bend to tip. Overall length: 25mm.
AX14664	Anterior Chamber Cannula, 19g
	19 gauge, 12mm from bend to tip. Overall length: 25mm.
AX14645	Anterior Chamber Cannula, 20g
	20 gauge, 3mm from bend to tip. Overall length: 25mm.
AX14646	Anterior Chamber Cannula, 20g
	20 gauge, 4mm from bend to tip. Overall length: 25mm.
AX14647	Anterior Chamber Cannula, 20g
	20 gauge, 5mm from bend to tip. Overall length: 25mm.
AX14648	Anterior Chamber Cannula, 20g
	20 gauge, 6mm from bend to tip. Overall length: 25mm.



Description	
Anterior Chamber Cannula, 20g	
20 gauge, 7mm from bend to tip. Overall length: 25mm.	
Anterior Chamber Cannula, 20g	
20 gauge, 8mm from bend to tip. Overall length: 25mm.	
Anterior Chamber Cannula, 20g	
20 gauge, 9mm from bend to tip. Overall length: 25mm.	
Anterior Chamber Cannula, 20g	
20 gauge, 10mm from bend to tip. Overall length: 25mm.	
Anterior Chamber Cannula, 20g	
20 gauge, Ilmm from bend to tip. Overall length: 25mm.	
Anterior Chamber Cannula, 20g	
20 gauge, 12mm from bend to tip. Overall length: 25mm.	
Anterior Chamber Cannula, 21g	
21 gauge, 3mm from bend to tip. Overall length: 22mm.	
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	_
21 gauge, Ilmm from bend to tip. Overall length: 22mm.	
Anterior Chamber Cannula, 21g	
2l gauge, l2mm from bend to tip. Overall length: 22mm.	
Anterior Chamber Cannula, 23g	
23 gauge, 3mm from bend to tip. Overall length: 22mm.	
Anterior Chamber Cannula, 23g	
23 gauge, 4mm from bend to tip. Overall length: 22mm.	
Anterior Chamber Cannula, 23g	
23 gauge, 5mm from bend to tip. Overall length: 22mm.	
Anterior Chamber Cannula, 23g	
23 gauge, 6mm from bend to tip. Overall length: 22mm.	
Anterior Chamber Cannula, 23g	
23 gauge, 7mm from bend to tip. Overall length: 22mm	
Anterior Chamber Cannula, 23g	
23 gauge, 8mm from bend to tip. Overall length: 22mm.	
	Anterior Chamber Cannula, 20g 20 gauge, 7mm from bend to tip. Overall length: 25mm.  Anterior Chamber Cannula, 20g 20 gauge, 8mm from bend to tip. Overall length: 25mm.  Anterior Chamber Cannula, 20g 20 gauge, 9mm from bend to tip. Overall length: 25mm.  Anterior Chamber Cannula, 20g 20 gauge, 10mm from bend to tip. Overall length: 25mm.  Anterior Chamber Cannula, 20g 20 gauge, 11mm from bend to tip. Overall length: 25mm.  Anterior Chamber Cannula, 20g 20 gauge, 12mm from bend to tip. Overall length: 25mm.  Anterior Chamber Cannula, 21g 21 gauge, 3mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 21g 21 gauge, 4mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 21g 21 gauge, 5mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 21g 21 gauge, 6mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 21g 21 gauge, 7mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 21g 21 gauge, 8mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 21g 21 gauge, 8mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 21g 21 gauge, 9mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 21g 21 gauge, 10mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 21g 21 gauge, 10mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 21g 21 gauge, 11mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 23g 23 gauge, 3mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 23g 23 gauge, 4mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 23g 23 gauge, 5mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 23g 23 gauge, 5mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 23g 23 gauge, 7mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 23g 23 gauge, 7mm from bend to tip. Overall length: 22mm.  Anterior Chamber Cannula, 23g 23 gauge, 7mm from bend to tip. Overall length: 22mm.

Item #	Description
AX14631	Anterior Chamber Cannula, 23g
	23 gauge, 9mm from bend to tip. Overall length: 22mm.
AX14632	Anterior Chamber Cannula, 23g
	23 gauge, 10mm from bend to tip. Overall length: 22mm.
AX14633	Anterior Chamber Cannula, 23g
	23 gauge, Ilmm from bend to tip. Overall length: 22mm.
AX14634	Anterior Chamber Cannula, 23g
	23 gauge, I2mm from bend to tip. Overall length: 22mm.
AX14615	Anterior Chamber Cannula, 25g
	25 gauge, 3mm from bend to tip. Overall length: 22mm.
AX121639	Anterior Chamber Cannula, 25g
	25 gauge, 4mm from bend to tip. Overall length: 22mm.
AX14617	Anterior Chamber Cannula, 25g
	25 gauge, 5mm from bend to tip. Overall length: 22mm.
AXI2080	Anterior Chamber Cannula, 25g
7012000	25 gauge, 6mm from bend to tip. Overall length: 22mm.
AX14619	Anterior Chamber Cannula, 25g
AX14017	25 gauge, 7mm from bend to tip. Overall length: 22mm.
AX121638	Anterior Chamber Cannula, 25g
AX121036	25 gauge, 8mm from bend to tip. Overall length: 22mm.
AV1/401	
AX14621	Anterior Chamber Cannula, 25g
	25 gauge, 9mm from bend to tip. Overall length: 22mm.
AX121280	Anterior Chamber Cannula, 25g
	25 gauge, 10mm from bend to tip. Overall length: 22mm.
AX14623	Anterior Chamber Cannula, 25g
	25 gauge, Ilmm from bend to tip. Overall length: 22mm.
AX14624	Anterior Chamber Cannula, 25g
	25 gauge, 12mm from bend to tip. Overall length: 22mm.
AX14605	Anterior Chamber Cannula, 27g
	27 gauge, 3mm from bend to tip. Overall length: 22mm.
AX121273A	Anterior Chamber Cannula, 27g
	27 gauge, 4mm from bend to tip. Overall length: 22mm.
AXI2I273A-BULK	Anterior Chamber Cannula, 27g
	27 gauge, 4mm from bend to tip. Overall length: 22mm. Sold 100 per bag.
AX14607	Anterior Chamber Cannula, 27g
	27 gauge, 5mm from bend to tip. Overall length: 22mm.
AXI2I276A	Anterior Chamber Cannula, 27g
	27 gauge, 6mm from bend to tip. Overall length: 22mm.
AX11463	Anterior Chamber Cannula, 27g
	27 gauge, 7mm from bend to tip. Overall length: 22mm.
AX11956	Anterior Chamber Cannula, 27g
	27 gauge, 8mm from bend to tip. Overall length: 22mm.
AX14611	Anterior Chamber Cannula, 27g
	27 gauge, 9mm from bend to tip. Overall length: 22mm.

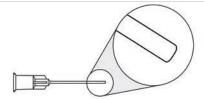
Item #	Description	
AX121274	Anterior Chamber Cannula, 27g	
	27 gauge, 10mm from bend to tip. Overall length: 22mm.	
AX14613	Anterior Chamber Cannula, 27g	
	27 gauge, Ilmm from bend to tip. Overall length: 22mm.	
AX14614	Anterior Chamber Cannula, 27g	
	27 gauge, 12mm from bend to tip. Overall length: 22mm.	
AX14595	Anterior Chamber Cannula, 30g	
	30 gauge, 3mm from bend to tip. Overall length: 22mm.	
AXI2I273	Anterior Chamber Cannula, 30g	
	30 gauge, 4mm from bend to tip. Overall length: 22mm.	
AXI2I273-BULK	Anterior Chamber Cannula, 30g	
	30 gauge, 4mm from bend to tip. Overall length: 22mm. Sold 100 per bag.	
AX14597	Anterior Chamber Cannula, 30g	
	30 gauge, 5mm from bend to tip. Overall length: 22mm.	
AXI2I276	Anterior Chamber Cannula, 30g	
	30 gauge, 6mm from bend to tip. Overall length: 22mm.	
AX11630	Anterior Chamber Cannula, 30g	
	30 gauge, 7mm from bend to tip. Overall length: 22mm.	
AXI2I278	Anterior Chamber Cannula, 30g	
	30 gauge, 8mm from bend to tip. Overall length: 22mm.	
AX14601	Anterior Chamber Cannula, 30g	
	30 gauge, 9mm from bend to tip. Overall length: 22mm.	
AX14602	Anterior Chamber Cannula, 30g	
	30 gauge, 10mm from bend to tip. Overall length: 22mm.	
AX14603	Anterior Chamber Cannula, 30g	
	30 gauge, Ilmm from bend to tip. Overall length: 22mm.	
AX14604	Anterior Chamber Cannula, 30g	
	30 gauge, 12mm from bend to tip. Overall length: 22mm.	

# Item # Description Image

# **Anterior Chamber Cannula, Straight**

Our single-use Anterior Chamber Cannula, also known as Air Injection, Rycroft, and Viscoelastic cannula, is available from 19 to 30 gauge. Every cannula has a straight shaft with a blunt tip. Overall length ranges from 22mm to 32mm. Sold 10 per box.

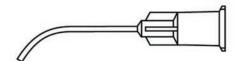
AXI4678	Anterior Chamber Cannula, 19g
	19 gauge. Overall length: 25mm.
AX14676	Anterior Chamber Cannula, 20g
	20 gauge. Overall length: 25mm.
AX14674	Anterior Chamber Cannula, 21g
	21 gauge. Overall length: 22mm.
AX14671	Anterior Chamber Cannula, 23g
	23 gauge. Overall length: 22mm.
AX14672	Anterior Chamber Cannula, 23g
	23 gauge. Overall length: 32mm.
AX14669	Anterior Chamber Cannula, 25g
	25 gauge. Overall length: 22mm.
AX14667	Anterior Chamber Cannula, 27g
	27 gauge. Overall length: 22mm.
AX14665	Anterior Chamber Cannula, 30g
	30 gauge. Overall length: 22mm.



# **Anterior Chamber Cannula, Curved**

Our single-use Anterior Chamber Cannula, also known as Air Injection, Rycroft, and Viscoelastic cannula, is available from 19 to 30 gauge. Every cannula has a curved shaft with a blunt tip. Overall length ranges from 22mm to 25mm. Sold 10 per box.

AX14679	Anterior Chamber Cannula, 19g
	19 gauge. Overall length: 25mm.
AX14677	Anterior Chamber Cannula, 20g
	20 gauge. Overall length: 25mm.
AX14675	Anterior Chamber Cannula, 21g
	21 gauge. Overall length: 22mm.
AX14673	Anterior Chamber Cannula, 23g
	23 gauge. Overall length: 22mm.
AX14670	Anterior Chamber Cannula, 25g
	25 gauge. Overall length: 22mm.
AX14668	Anterior Chamber Cannula, 27g
	27 gauge. Overall length: 22mm.
AX14666	Anterior Chamber Cannula 30g
	30 gauge. Overall length: 22mm.

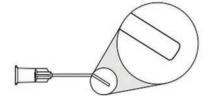


Item # Description Image

# **Air Injection Cannula**

26 gauge, angled shaft, 10mm from bend to tip, blunt tip. Disposable, sold 10 per box.

AXI2I277 Air Injection Cannula, 26g



# Viscoelastic Cannula

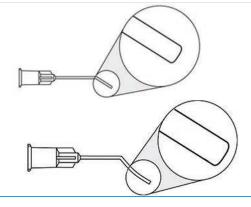
Disposable Viscoelastic Cannulas are 27 gauge with the option of an angled or formed shaft. They are Ilmm from bend to tip and have blunt tips. Overall length: 22mm. Sold 10 per box.

AXI2I279A Angled Viscoelastic Cannula

Angled shaft.

AXI4680 Formed Viscoelastic Cannula

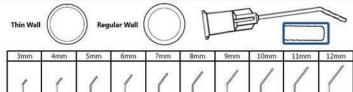
Formed shaft.



# Thin Wall Anterior Chamber Cannula, Angled

A thin wall cannula allows the advantage of a larger bore through a smaller cannula. The inside diameter is approximately 2 gauge sizes larger, therefore, a 25 gauge thin wall lumen is approximately the same as the inside lumen on a 23 gauge. Thin Wall Anterior Chamber Cannulas are disposable and have angled shafts and blunt tips. Overall length: 22mm. Sold 10 per box.

AX14691	Thin Wall Cannula, 23g
	23 gauge thin wall, 3mm from bend to tip.
AX14692	Thin Wall Cannula, 23g
	23 gauge thin wall, 4mm from bend to tip.
AX14693	Thin Wall Cannula, 23g
	23 gauge thin wall, 5mm from bend to tip.
AX14694	Thin Wall Cannula, 23g
	23 gauge thin wall, 6mm from bend to tip.
AX14695	Thin Wall Cannula, 23g
	23 gauge thin wall, 7mm from bend to tip.
AX14696	Thin Wall Cannula, 23g
	23 gauge thin wall, 8mm from bend to tip.
AX14697	Thin Wall Cannula, 23g
	23 gauge thin wall, 9mm from bend to tip.
AX14698	Thin Wall Cannula, 23g
	23 gauge thin wall, 10mm from bend to tip.
AX14699	Thin Wall Cannula, 23g
	23 gauge thin wall, limm from bend to tip.

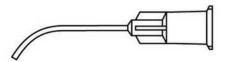


ltem #	Description	Imag
AX14700	Thin Wall Cannula, 23g	
	23 gauge thin wall, 12mm from bend to tip.	
AX14681	Thin Wall Cannula, 25g	
	25 gauge thin wall, 3mm from bend to tip.	
AX14682	Thin Wall Cannula, 25g	
	25 gauge thin wall, 4mm from bend to tip.	
AX14683	Thin Wall Cannula, 25g	
	25 gauge thin wall, 5mm from bend to tip.	
AX14684	Thin Wall Cannula, 25g	
	25 gauge thin wall, 6mm from bend to tip.	
AX14685	Thin Wall Cannula, 25g	
	25 gauge thin wall, 7mm from bend to tip.	
AX14686	Thin Wall Cannula, 25g	
	25 gauge thin wall, 8mm from bend to tip.	
AX14687	Thin Wall Cannula, 25g	
	25 gauge thin wall, 9mm from bend to tip.	
AX14688	Thin Wall Cannula, 25g	
	25 gauge thin wall, 10mm from bend to tip.	
AX14689	Thin Wall Cannula, 25g	
	25 gauge thin wall, llmm from bend to tip.	
AX14690	Thin Wall Cannula, 25g	
	25 gauge thin wall, l2mm from bend to tip.	

# Thin Wall Anterior Chamber Cannula, Curved

A thin wall cannula allows the advantage of a larger bore through a smaller cannula. The inside diameter is approximately 2 gauge sizes larger, therefore, a 25 gauge thin wall lumen is approximately the same as the inside lumen on a 23 gauge. Thin Wall Anterior Chamber Cannulas are disposable and have curved shafts and blunt tips. Overall length: 22mm. Sold 10 per box.

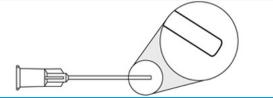
AX14704	Anterior Chamber Cannula, 23g
	23 gauge thin wall.
AX14702	Anterior Chamber Cannula, 25g
	25 gauge thin wall.



# Thin Wall Anterior Chamber Cannula, Straight

A thin wall cannula allows the advantage of a larger bore through a smaller cannula. The inside diameter is approximately 2 gauge sizes larger, therefore, a 25 gauge thin wall lumen is approximately the same as the inside lumen on a 23 gauge. Thin Wall Anterior Chamber Cannulas are disposable and have straight shafts and blunt tips. Overall length: 22mm. Sold 10 per box.

AX14703	Anterior Chamber Cannula, 23g	
	23 gauge thin wall.	
AX14701	Anterior Chamber Cannula, 25g	
	25 gauge thin wall.	

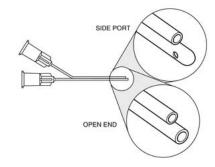


Item # Description Image

# Double I/A Cannula

Double Irrigating and Aspirating Cannulas are part of our disposable line. Each cannula has a straight shaft and are available in various gauges and tip types. Sold 10 per box.

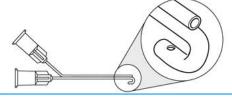
AX14705	Double I/A Cannula Sideport	
	2l gauge, one rounded closed 0.3mm sideport tip, one open tip.	
AXI4707 Double I/A Cannula Open End		
	21 gauge, both tips are open ended.	
AXI4708 Double I/A Cannula Open End		
	21 gauge, 19 gauge, both tips are open ended.	



# J-Shaped Double I/A Cannula

23 gauge and 25 gauge, straight shaft, open ended top tip, J-shaped bottom tip with 0.2mm sideport. Disposable, sold 10 per box.

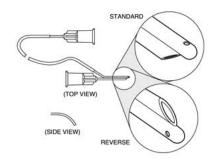
AXI4706 J-Shaped Double I/A Cannula



# Double Barrel I/A Cannula [Simcoe]

Disposable Double Barrel Irrigating and Aspirating Cannulas are 23 gauge with curved shafts. They have rounded closed tips with 0.3mm sideport on the top or bottom and an open-ended slanted tip. Each cannula comes with 6" silicone tubing and measures 16mm in overall length. Sold 10 per box.

AX14710	Double Barrel I/A Cannula, Reverse	
	Sideport on bottom, open-ended slanted tip on top.	
AXI6I57I Double Barrel I/A Cannula, Standard		
	Sideport on top, open-ended slanted tip on bottom.	



# Cortex Extractor [Charleux]

23 gauge, curved shaft, open pointed tip. Overall length: 13mm. Disposable, sold 10 per box.

AXI47I3 Cortex Extractor, 23g

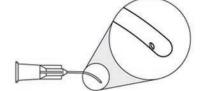


# Item # Description Image

# Cortex Extractor [Simcoe]

Disposable Simcoe Cortex Extractor Cannulas are 23 gauge with curved shafts and rounded closed tips with 0.3mm sideport. Various lengths are available. Sold 10 per box.

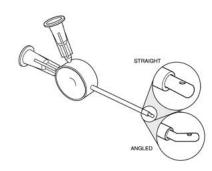
AX14711	Cortex Extractor, 23g	
	Overall length: 13mm.	
AX155075	Cortex Extractor, 23g	
	Overall length: 22mm.	



# **Button Coaxial I/A System**

Disposable Button Coaxial Irrigating and Aspirating Systems have a 17 gauge thin wall outer cannula and a 21 gauge inner cannula. Straight shafts with closed, rounded tip and 0.3mm sideport. Overall length: 30mm. Sold 10 per box.

AX14714	Button Coaxial I/A System, Angled	
	30-degree angled tip.	
AX14715	Button Coaxial I/A System, Straight	



# J-Shaped Cannula

Disposable J-shaped tip cannulas with both straight and angled shafts. Available in sizes from 2l gauge to 30 gauge and various sized tips. Overall length: 22mm. Sold 10 per box, unless specified otherwise.

AX14725	J-Shaped Cannula, 21g	
	2l gauge, straight shaft, 2mm high x 2mm wide tip.	
AX14723	J-Shaped Cannula, 23g	
	23 gauge, straight shaft, 2mm high x 2mm wide tip.	
AXI4724	J-Shaped Cannula, 23g	
	23 gauge, 45 degree angled shaft, 10mm from bend to tip, 2mm high x 2mm wide tip.	

Item #	Description	Image
AX10761	<b>J-Shaped Cannula, 25g</b> 25 gauge, straight shaft, 1.5mm high x 1.5mm wide tip.	
AX14719	J-Shaped Cannula, 25g	
	25 gauge, 45 degree angled shaft, l0mm from bend to tip, 2mm high x 2mm wide tip.	
AXI51297	J-Shaped Cannula, 27g	
	27 gauge, straight shaft, l.5mm high x l.5mm wide tip.	
AX151297-BULK	J-Shaped Cannula, 27g	
	27 gauge, straight shaft, l.5mm high x l.5mm wide tip. Sold 100 per bag.	
AX151287	J-Shaped Cannula, 30g	
	30 gauge, straight shaft, 1.5mm high x 1.5mm wide tip.	

# J-Shaped Cannula [Binkhorst]

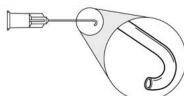
The J-Shaped Binkhorst Cannula is available for left or right hand usage. Both choices are 25 gauge with 18 degree angled shaft, 12mm from bend to tip. A J-shaped tip that measures 1.5mm high x 1.75mm wide. Overall length: 22mm. Sold 10 per box.

AX14720	J-Shaped Cannula, 25g, Left	
	Angled left shaft.	
AX14721	J-shaped Cannula, 25g, Right	
	Angled right shaft.	

# Micro J-Shaped Cannula [Hessburg]

25 gauge, straight shaft, J-shaped tip, 0.85mm long x I.7mm wide. Overall length: 22mm. Disposable, sold 10 per box.





Item #	Description	Image
Irrigating Cys	stotome	
	igating Cystotomes and Capsulorhexis Cystotomes with various sl ize. Ranges in gauge and shaft styles. Overall length ranges from 10	naft and tip styles. Each cystotome has a bent, pointed tip and is available in 23 to 5mm to 22mm. Sold 10 per box, unless specified otherwise.
AX131599	Irrigating Cystotome, 23g	
	23 gauge, formed shaft. Overall length: 16mm.	
AX14731	Irrigating Cystotome, 23g	
	23 gauge, straight shaft. Overall length: 16mm.	
AX14732	Irrigating Cystotome, 23g	
	23 gauge, straight shaft. Overall length: 19mm.	
AVI/700	Indication Outlands 200	
AX14739	Irrigating Cystotome, 23g 23 gauge, formed shaft. Overall length: I9mm.	
	23 gauge, formed Shart. Overall length. 1711111.	
AX14752	Capsulorhexis Cystotome, 23g	
	23 gauge, formed shaft with pointed tips that are twisted 90 degrees. Overall length: I6mm.	
 AX14753	Capsulorhexis Cystotome, 23g	
	23 gauge, straight shaft with pointed tips that are twisted 90 degrees. Overall length: 16mm.	

# AX11891

AX11348

# Irrigating Cystotome, 25g

Irrigating Cystotome, 25g

25 gauge, formed shaft, reverse formed, tip angled 90 degrees toward bevel. Overall length: l6mm.

25 gauge, formed shaft. Overall length: 16mm.

Item #	Description	Image
AX131610A	Irrigating Cystotome, 25g	
	25 gauge, straight shaft. Overall length: lómm.	
AXI31610	Irrigating Cystotome, 25g	
	25 gauge, formed shaft. Overall length: 16mm.	
AXI3I6I0-BULK	Irrigating Cystotome, 25g	
	25 gauge, formed shaft. Overall length: 16mm. Sold 100 per bog.	
AXI35004	Irrigating Cystotome, 25g 25 gauge, formed shaft, small radius tip. Overall length:	
	l6mm.	
AX135049	Irrigating Cystotome, 25g	
	25 gauge, angled shaft. Overall length: 16mm.	
AX14743	Irrigating Cystotome [Joyce], 25g	
	25 gauge, curved shaft. Overall length: I6mm.	
AX14736	Irrigating Cystotome, 25g	
	25 gauge, formed shaft. Overall length: 16mm.	
AX14737	Irrigating Cystotome, 25g	
	25 gauge, formed shaft. Overall length: 22mm.	

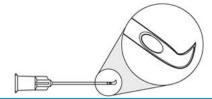
Item #	Description	Image
AXI4730	Irrigating Cystotome, 25g 25 gauge, straight shaft. Overall length: 22mm.	
AXI35II3	Capsulorhexis Cystotome, 25g 25 gauge, formed shaft with pointed tips that are twisted 90 degrees. Overall length: 16mm.	
AXI4751	Capsulorhexis Cystotome, 25g 25 gauge, straight shaft with pointed tips that are twisted 90 degrees. Overall length: 16mm.	
AXI4742	Irrigating Cystotome [Joyce], 27g 27 gauge, curved shaft. Overall length: 16mm.	
AXI31618	Irrigating Cystotome, 27g 27 gauge, formed shaft. Overall length: I6mm.	
AXI35093	Irrigating Cystotome, 27g 27 gauge, angled shaft. Overall length: I6mm.	
AXI4727	Irrigating Cystotome, 27g 27 gauge, straight shaft. Overall length: 16mm.	
AXI4745	Irrigating Cystotome, 27g 27 gauge, formed shaft, small radius tip. Overall length: 16mm.	

Item #	Description	Image
AX14728	Irrigating Cystotome, 27g	
	27 gauge, straight shaft. Overall length: 19mm.	
AX14735	Irrigating Cystotome, 27g	
	27 gauge, formed shaft. Overall length: 19mm.	
AX135042	Capsulorhexis Cystotome, 27g	
	27 gauge, formed shaft with pointed tips that are twisted 90 degrees. Overall length: 16mm.	
AX14749	Capsulorhexis Cystotome, 27g	
	27 gauge, straight shaft with pointed tips that are twisted 90 degrees. Overall length: 16mm.	
AX14726	Irrigating Cystotome, 30g	
	30 gauge, straight shaft. Overall length: 16mm.	

# Irrigating Double Sharp Cystotome [Kelman]

22 gauge, straight shaft, bent, pointed tip. Overall length: 25mm. Disposable, sold 10 per box.

AXI4755 Irrigating Double Sharp Cystotome, 22g

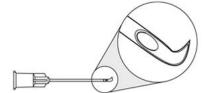


Item # Description Image

# Irrigating Sharp Cystotome [Kelman]

22 gauge, straight shaft, bent, pointed tip. Overall length: 25mm. Disposable, sold 10 per box.

AXI4754 Irrigating Sharp Cystotome, 22g



# Capsule Polisher

Single-use Capsule Polisher cannula available in 21 gauge or 23 gauge sizes with a 37 degree angled shaft. Angled shaft is 7mm from bend to tip and has various types of 3mm sandblasted tips. Overall length: 22mm. Sold 10 per box.

AXI4756 Capsule Polisher, 21g

21 gauge, 3mm sandblasted closed distal tip with 0.3mm

sideport.

AXI4758 Capsule Polisher, 21g

21 gauge, 3mm sandblasted distal end tip, open ended.

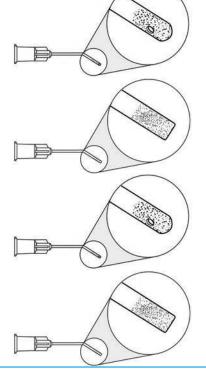
AXI4757 Capsule Polisher, 23g

23 gauge, 3mm sandblasted closed distal tip with 0.3mm

sideport.

AXI4759 Capsule Polisher, 23g

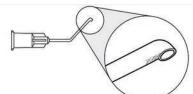
 $23\ \text{gauge}, 3\text{mm}$  sandblasted distal end tip, open ended.



# Posterior Capsule Polisher

23 gauge, 45-degree angled shaft, 12mm from bend to tip, 2mm sandblasted distal end, angled 90 degrees. Overall length: 22mm. Disposable, sold 10 per box.

AXI4760 Posterior Capsule Polisher, 23g



# Item # Description Image

# Silicone Tip Capsule Polisher

Disposable Silicone Tip Capsule Polisher cannula with 32-degree angled shafts. Cannulas come with various lengths of squeegee, silicone tubing. Overall length: 22mm. Sold 10 per box.

AX175041	Capsule Polisher, 23g	
	23 gauge, 7mm from bend to tip, 10mm silicone tubing.	
AX14763	Capsule Polisher, 23g	
	23 gauge, 9mm from bend to tip, l2mm silicone tubing.	
AX175005	Capsule Polisher, 27g	
	27 gauge, 7mm from bend to tip, 10mm silicone tubing.	



# **Irrigating Vectis**

24 gauge Irrigating Vectis cannula is part of the AccuSurgical Single Use line. Each cannula has a straight shaft with a curved looped tip and one to three ports. Tips are available in 3mm to 5mm widths. Sold ID per hox

are available i	n 3mm to 5mm widths. Sold 10 per box.	· ·
AX14765	Irrigating Vectis, 3mm Curved 3mm loop tip, one 0.3mm port.	(SIDE VIEW)
AX14766	Irrigating Vectis, 4mm Curved 4mm loop tip, two 0.3mm ports.	(SIDE VIEW)
AXI4767	Irrigating Vectis, 5mm Curved 5mm loop tip, three 0.3mm ports.	(SIDE VIEW)
AXI4764	Irrigating Vectis, 5mm Curved 5mm loop tip, one 0.3mm port.	(SIDE VIEW)

# Bishop-Harmon Washout Cannula

Disposable 19 gauge Bishop-Harmon Washout Cannulas with 37-degree angled shafts and smooth oval shaped tips. Overall length: 25mm. Sold 10 per box unless specified otherwise.

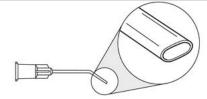
•		
AX165041	Washout Cannula, 19g	
	19 gauge, 37-degree angled shaft, 5mm from bend to tip.	
AX165040	Washout Cannula, 19g	
	19 gauge, 37-degree angled shaft, 8mm from bend to tip.	
AX165040-BULK	Washout Cannula, 19g	
	19 gauge, 37-degree angled shaft, 8mm from bend to tip. Sold 100 per bag.	

# Item # Description Image

# **Nucleus Hydrodissection Cannula**

Disposable Nucleus Hydrodissection Cannula with 32-degree angled shaft, 8mm from bend to tip. Cannulas are available in 23 gauge to 30 gauge sizes with flattened, smooth, oval-shaped tip. Overall length: 22mm. Sold 10 per box, unless specified otherwise.

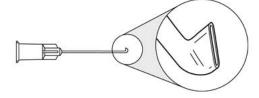
AX14772	Nucleus Hydrodissection Cannula, 23g
	23 gauge.
AXI25037	Nucleus Hydrodissection Cannula, 25g
	25 gauge.
AXI25037-BULK	Nucleus Hydrodissection Cannula, 25g 25 gauge. Sold 100 per bag.
AXI25I58	Nucleus Hydrodissection Cannula, 27g 27 gauge.
AXI3014	Nucleus Hydrodissection Cannula, 30g 30 gauge.



# Hydrodissection Cannula [Chang]

27 gauge, straight shaft, flattened tip. Overall length: 22mm. Disposable, sold 10 per box.

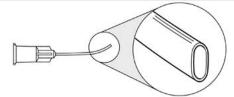
AXI4784 Hydrodissection Cannula



# Hydrodissection Cannula [Kellan]

Kellan Hydrodissection Cannulas are part of the AccuSurgical Single Use product line. These cannulas are available in 25 gauge or 27 gauge with curved shafts and blunt, oval-shaped tips. Overall length: 22mm. Sold 10 per box.

AX14778	Hydrodissection Cannula, 25g
	25 gauge.
AXI2I273D	Hydrodissection Cannula, 27g
	27 gauge.

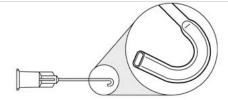


# Item # Description Image

# J-Shaped Hydrodissection Cannula

Disposable J-Shaped Hydrodissection Cannulas range in size from 25 gauge to 30 gauge. Each cannula has a straight shaft with a smooth oval and J-shaped tip that is available in different widths. Overall length: 22mm. Sold 10 per box.

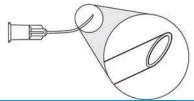
AX14775	J-Shaped Hydrodissection Cannula, 25g
	25 gauge, I.5mm high x 2mm wide tip.
AXI25029	J-Shaped Hydrodissection Cannula, 27g
	27 gauge, l.5mm high x l.75mm wide tip.
AX14773	J-Shaped Hydrodissection Cannula, 30g
	30 gauge, 1.5mm high x 1.5mm wide tip.



### Hydrodelineation Needle [Kellan]

Disposable Kellan Hydrodelineation Needles are available in 25 gauge or 27 gauge sizes. Each one has a curved shaft with a shortened bevel, needle tip. Overall length: 22mm. Sold 10 per box.

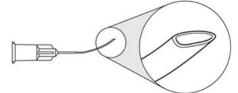
AX14776	Hydrodelineation Needle, 25g
	25 gauge.
AX14777	Hydrodelineation Needle, 27g
	27 gauge.



# Nucleus Hydrolysis Needle [P. Koch]

25 gauge, curved shaft, flattened, oval-shaped tip. Overall length: 22mm. Disposable, sold 10 per box.

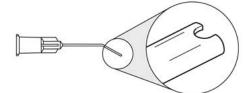
AXI4780 Nucleus Hydrolysis Needle, 25g



# Nucleus Hydrodissector/Rotator [Sinskey]

25 gauge, 32-degree angled shaft, 8mm from bend to tip, forked blunt tip. Overall length: 22mm. Disposable, sold 10 per box.

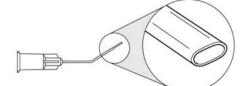
AXI478I Nucleus Hydrodissector/Rotator



# **Cotrical Cleaving Hydrodissector**

27 gauge, angled shaft, Ilmm from bend to tip, horizontally flattened tip, flattened 4mm from tip. Overall length: 22mm. Disposable, sold 10 per box.

AXI25I57 Cotrical Cleaving Hydrodissector, 27g

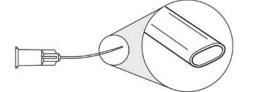


Item # Description Image

# **Nucleus Hydrodissector**

27 gauge, curved shaft, tip flattened horizontally 4mm from end. Overall length: 22mm. Disposable, sold 10 per box.

AXI25I55 Nucleus Hydrodissector, 27g



# **Lacrimal Cannula**

Disposable Lacrimal Cannulas are available with either straight or curved shafts. Sizes range from 19 gauge to 26 gauge. Sold 10 per box.

AXI4786 Lacrimal Cannula Straight, 19g

19 gauge tapered to 23 gauge, straight shaft, tapered 12mm

from tip. Overall length: 38mm.

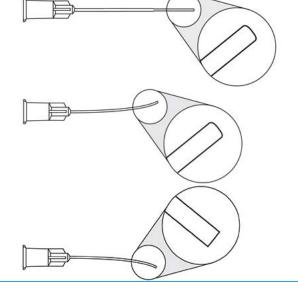
AXI4785 Lacrimal Cannula Curved, 25g

25 gauge, slightly curved shaft, tumble polished edge.

Overall length: 28mm.

AXI0649 Lacrimal Cannula Curved, 26g

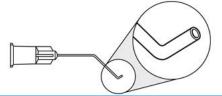
26 gauge, curved shaft, open tip. Overall length: 28mm.



# **Irrigating Dialer**

30 gauge, 45-degree angled shaft, 10mm from bend to tip, 1mm distal end angled 65 degrees. Overall length: 22mm. Disposable, sold 10 per box.

AXI4802 Irrigating Dialer



# Alpha-Chymotrypsin Cannula

25 gauge, curved shaft, Imm smooth, bulbous tip. Overall length: 28mm. Disposable, sold 10 per box.

AXI4808 Alpha-Chymotrypsin Cannula



Item # Description Image

#### **Olive Tip Capsule Polisher**

Disposable Olive Tip Cannulas range from 23 gauge to 25 gauge in size and are available with angled or curved shafts. Each cannula has a lmm sandblasted or smooth bulbous tip. Sold 10 per box.

AXI48I0 Olive Tip Capsule Polisher, 23g

23 gauge, curved shaft. Smooth tip. Overall length: 22mm.

AXI48I2 Olive Tip Capsule Polisher, 23g

23 gauge, angled shaft, 10mm from bend to tip. Sandblasted

tip. Overall length: 22mm.

AXI48II Olive Tip Capsule Polisher, 23g

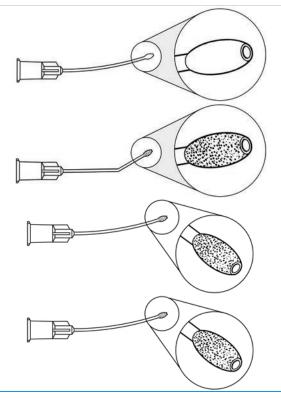
23 gauge, curved shaft. Sandblasted tip. Overall length:

22mm.

AXI4809 Olive Tip Capsule Polisher, 25g

25 gauge, curved shaft. Sandblasted tip. Overall length:

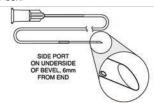
28mm.



#### **Chamber Maintainer**

Disposable Chamber Maintainer cannulas range from 20 gauge to 27 gauge in size. Each cannula has a straight shaft with a sharp, closed end tip with a 0.2mm or 0.3mm sideport. Comes with 6" silicone tubing and has an overall length of 22mm. Sold 10 per box.

AXI4820 Chamber Maintainer, 20g	
	20 gauge, 0.3mm sideport, 6" silicone tubing: ID - 0.75mm (0.030"), OD - 1.65mm (0.065").
AXI48I9 Chamber Maintainer, 23g	
	23 gauge, 0.3mm sideport, 6" silicone tubing: ID - 0.5mm (0.020"), OD - 0.95mm (0.037").
AXI48I8 Chamber Maintainer, 25g	
	25 gauge, 0.2mm sideport, 6" silicone tubing: ID - 0.3mm (0.012"), OD - 0.6mm (0.025").
AX14817	Chamber Maintainer, 27g
	27 gauge, 0.2mm sideport, 6" silicone tubing: ID - 0.3mm (0.012"), OD - 0.6mm (0.025").



Item # Description Image

#### **Chamber Maintainer with Serrated Tip**

Disposable Chamber Maintainer cannulas range from 23 gauge to 25 gauge in size. Each cannula has a straight shaft with a 4mm serrated, pointed tip with 6" silicone tubing. Overall length: 22mm. Sold 10 per box.

AX14822	Chamber Maintainer, 23g	
	23 gauge, 6" silicone tubing: ID - 0.5mm (0.020"), 0D - 0.95mm (0.037").	
AX14821	Chamber Maintainer, 25g	
	25 gauge, 6" silicone tubing: ID - 0.3mm (0.012"), OD - 0.6mm (0.025").	

#### **Infusion Cannula**

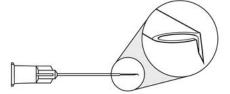
Disposable Infusion Cannulas are available in 20 gauge size with straight shafts and 2.5mm to 6mm wide tips. Comes with 6" silicone tubing. Sold 10 per box.

Infusion Cannula, 2.5mm	
2.5mm tip, 6" silicone tubing: ID - 0.75mm (0.030"), OD - 1.65 (0.065").	
Infusion Cannula, 4mm	
4mm tip, 6" silicone tubing: ID - 0.75mm (0.030"), OD - 1.65 (0.065").	
Infusion Cannula, 6mm	V 192
6mm tip, 6" silicone tubing: ID - 0.75mm (0.030"), 0D - 1.65 (0.065").	
	2.5mm tip, 6" silicone tubing: ID - 0.75mm (0.030"), OD - 1.65 (0.065").  Infusion Cannula, 4mm  4mm tip, 6" silicone tubing: ID - 0.75mm (0.030"), OD - 1.65 (0.065").  Infusion Cannula, 6mm  6mm tip, 6" silicone tubing: ID - 0.75mm (0.030"), OD - 1.65

#### Membrane Micropick [Eaton]

20 gauge, straight shaft, tapered to 30 gauge x 5mm distal end, 0.5mm sharp tip, angled 50 degrees toward bevel. Overall length: 25mm. Disposable, sold 10 per box.





#### **Retinal Backflush Cannula**

Retinal Backflush Cannulas are 23 gauge and have either brush or charles flute tips. Straight shaft. Disposable. Sold 5 per box.

AXI5635

Brush Tip Cannula, 23g
0.9mm silicone brush tip.

AXI5636

Charles Flute Cannula, 23g
Blunt tip.

Item #	Description	Image

#### **Extrusion Cannula**

Disposable Extrusion Cannulas are available in 19 gauge to 23 gauge sizes with a straight shaft. Comes with a tumble polished edge tip and an overall length of 22mm or 25mm. Sold 10 per box.

#### AXI4835 Extrusion Cannula, 19g

19 gauge, tapered tip, tapered to 23 gauge, 4mm from end, Imm distal end, angled 45 degrees. Overall length: 25mm.

#### AXI4832 Extrusion Cannula, 19g

19 gauge, blunt tip. Overall length: 25mm.

#### AXI4833 Extrusion Cannula, 19g

19 gauge, tapered tip, tapered to 23 gauge, 4mm from end. Overall length: 25mm.

#### AXI4827 Extrusion Cannula, 20g

 $20\ \text{gauge, blunt tip.}$  Overall length: 25mm.

#### AXI4828 Extrusion Cannula, 20g

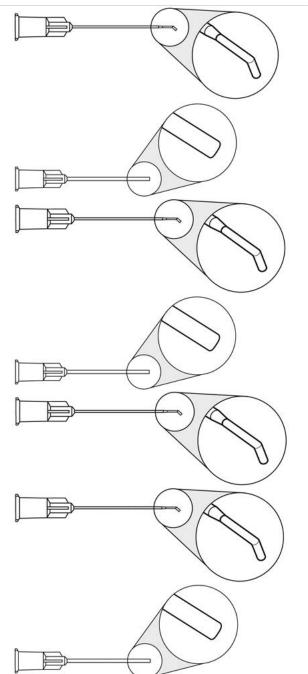
20 gauge, tapered tip, tapered to 25 gauge, 4mm from end. Overall length: 25mm.

#### AXI4830 Extrusion Cannula, 20g

20 gauge, tapered tip, tapered to 25 gauge, 4mm from end, lmm distal end, angled 45 degrees. Overall length: 25mm.

#### AXI4837 Extrusion Cannula, 23g

 $23\ \text{gauge, blunt tip, tumble polished edge.}$  Overall length: 22mm.



Item # Description Image

#### **Extrusion Cannula with Silicone Tubing**

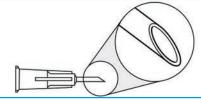
Disposable Extrusion Cannulas are available in 19 gauge or 20 gauge sizes with a straight or angled shaft. Has a tapered tip with tubing that bends 4mm from end. Overall length of 25mm. Sold 10 per box.

AX14834	Extrusion Cannula, Straight	
	19 gauge, tapered to 23 gauge, straight shaft.	
AX14836	Extrusion Cannula, Angled	
	19 gauge, tapered to 23 gauge, angled shaft.	
AX14829	Extrusion Cannula, Straight	
	20 gauge, tapered to 25 gauge, straight shaft.	
AX14831	Extrusion Cannula, Angled	
	20 gauge, tapered to 25 gauge, angled shaft.	

#### High Viscosity Fluid Cannula [Peyman]

16 gauge, curved shaft, pointed tip. Overall length: 9mm. Disposable, sold 10 per box.

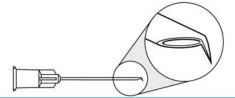
AXI4838 High Viscosity Fluid Cannula, 16g



#### Membrane Dissector [Kingham]

20 gauge, straight shaft, 0.5mm sharp tip, angled 45 degrees toward bevel. Overall length: 25mm. Disposable, sold 10 per box.

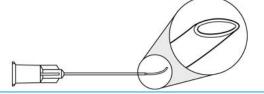
AXI4839 Membrane Dissector, 20g



#### Subretinal Injector [Lambert]

 $20 \ gauge, straight shaft, curved, tapered tip, tapered to \\ 33 \ gauge \\ x \\ 7mm, distal end. \\ Overall length: \\ 25mm. \\ Disposable, sold \\ 10 \ per box. \\ Disposable, sold \\ Disposab$ 

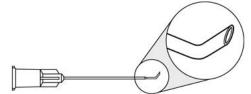
AXI4840 Subretinal Injector



#### Subretinal Aspirator [Landers]

20 gauge, straight shaft, tapered, angled tip, 2.5mm from bend to tip, tapered to 27 gauge x 6mm. Overall length: 25mm. Disposable, sold 10 per box.

AXI484I Subretinal Aspirator



Item # Description Image

#### Vitreoretinal Micropick [Glaser]

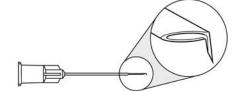
Disposable Glaser Vitreoretinal Micropick cannulas are available in either 20 gauge or 23 gauge with straight tapered shafts. Sharp tips measure 0.5mm in width and are angled 50 degrees toward the bevel. Overall length: 25mm. Sold 10 per box.

AXI4844 Vitreoretinal Micropick, 20g

20 gauge, tapered to 25 gauge x 3/16" distal end.

AXI4845 Vitreoretinal Micropick, 23g

23 gauge, tapered to 27 gauge x 3/16" distal end.



#### Vitreoretinal Cannula [Vander]

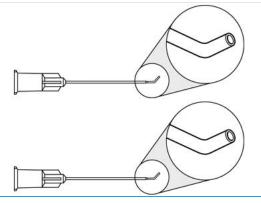
Disposable Vitreoretinal Cannulas are 20 gauge in size with straight shafts that are tapered to 30 gauge. Sold 10 per box.

AXI4846 Straight Vitreoretinal Cannula

Straight tapered tip.

AXI4847 Angled Vitreoretinal Cannula

Angled tapered tip.



#### Subretinal Injector [Glaser]

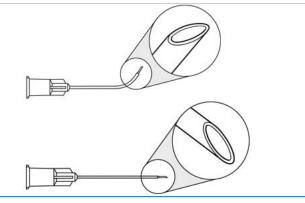
Disposable Glaser Subretinal Injector cannulas come in 20 gauge with a curved or straight shaft. Has a tapered to 33 gauge tip and 3mm distal end. Overall length: 25mm. Sold 10 per box.

AXI4848 Curved Subretinal Injector

Curved shaft.

AXI4849 Straight Subretinal Injector

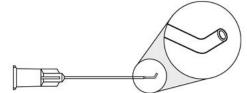
Straight shaft.



#### MVR Cannula [Glaser]

20 gauge, angled shaft, Imm from bend to tip, tapered tip 33 gauge x 4mm, distal end. Overall length: 25mm. Disposable, sold 10 per box.

AXI4850 MVR Cannula, 20g

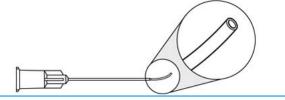


Item # Description Image

#### Subretinal Cannula [Lambert]

20 gauge, straight shaft, curved distal end, tapered to 33 gauge x 7mm. Overall length: 25mm. Disposable, sold 10 per box.

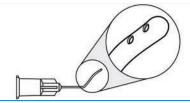
AXI485I Subretinal Cannula



#### LASIK Cannula [Dishler]

27 gauge, formed shaft, 9mm from bend to tip, rounded closed tip with 4 sideports. Overall length: 16mm. Disposable, sold 10 per box.

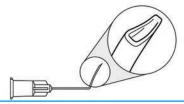
AXI4852 LASIK Cannula, 27g



#### LASIK Cannula [Slade]

26 gauge, formed shaft, 9mm from bend to tip, slanted tip. Overall length: 22mm. Disposable, sold 10 per box.

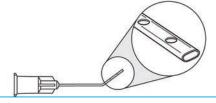
AXI4853 LASIK Cannula, 26g



#### LASIK Cannula [Linn]

25 gauge, angled shafts, 9mm from bend to tip, flat bend, 2 ports, open end. Disposable, sold 10 per box.

AXI4855 LASIK Cannula, 25g



#### **Refractive Cannula**

 $25\ \text{gauge},$  angled shaft, dual shafts, 8 ports, closed tip. Disposable, sold 10 per box.

AX205256 Refractive Cannula, 25g



Item # Description Image

#### Femtosecond Cannula [Solomon]

30 gauge hydrodissector, angled shaft, 7mm from bend to tip, sandblasted, oval-shaped tip. Disposable, sold 10 per box.

AXI5227 Femtosecond Cannula



#### **Brody Femtosecond Dissecting Cannula**

The Brody Femtosecond Dissecting Cannula for laser-assisted cataract surgery is a disposable 25 gauge stainless steel cannula that both easily opens laser incisions and allows for fast, efficient injection of intraocular lidocaine and/or viscoelastic. This elegant device is placed either on a TB syringe filled with lidocaine or directly on the viscoelastic syringe (for those not using intraocular anesthetic). The shovel-like tip allows for easy and safe opening of both the sideport and the main incision. Single-use design removes the need for sterilization. Combination of spatula and cannula reduces the number of instrument hand-offs between scrub tech and surgeon, saving time and improving efficiency. Unique tip design with 25 gauge width reduces wound stretching when compared to other laser incision instrumentation.



#### **AccuDrop Cannula**

AccuDrop is Accutome's dropless therapy cannula. It was designed by Accutome for administration of dropless cataract drug formulation. The AccuDrop Cannula is a blunt tip cannula that is designed to reduce zonular trauma. Sideport opening allows for gentle drug dispersion. Angled 90 degree shaft facilitates easier insertion into the anterior chamber to make a targeted drug delivery. Disposable, sold 10 per box.

AXI558I AccuDrop Cannula, 25g
25 gauge.

AXI5630 AccuDrop Cannula, 27g
27 gauge.

#### Item # Description Image

#### **Atkinson Retrobulbar Needle**

Reusable Atkinson Retrobulbar Needles are available from 19 gauge to 27 gauge in size with straight shafts and sharp, beveled tips. Overall length: 35mm.

AC0190 19	Atkinson Retrobulbar Needle, 19g	
	19 gauge.	
AC0190 20	Atkinson Retrobulbar Needle, 20g	
	20 gauge.	
AC0190 23	Atkinson Retrobulbar Needle, 23g	
	23 gauge.	
AC0190 25	Atkinson Retrobulbar Needle, 25g	
	25 gauge.	
AC0190 27	Atkinson Retrobulbar Needle, 27g	
	27 gauge.	

#### **Air Injection Cannula**

Reusable Air length: 19mm		and have either an angled or straight shaft. Various tip types are available. Overall
AC0125	Air Injection Cannula, 23g	
	23 gauge, angled shaft, 45-degree angle, 7mm from bend to tip, blunt tip.	
AC0145	Air Injection Cannula, 25g	
	25 gauge, angled shaft, 45-degree angle, 5mm from bend to tip, blunt tip.	
AC0110	Air Injection Cannula, 27g	
	27 gauge, angled shaft, 45-degree angle, 5mm bend to tip.	
AC0122	Air Injection Cannula, 27g	
	27 gauge, straight shaft.	
AC0105	Air Injection Cannula, 27g	A
	27 gauge, angled shaft, 45-degree angle, 5mm from bend to tip, oval tip.	

Item #	Description	Image
AC0120	Air Injection Cannula, 27g	
	27 gauge, angled shaft, 45-degree angle, 7mm bend to tip, blunt tip.	
AC0121	Air Injection Cannula, 27g	
	27 gauge, angled shaft, 8mm bend to tip.	
AC0130	Air Injection Cannula, 30g	
	30 gauge, angled shaft, 45-degree angle, 5mm bend to tip, blunt tip.	
AC0131	Air Injection Cannula, 30g	
	30 gauge, straight shaft, blunt tip.	
AC0140	Air Injection Cannula, 30g	
	30 gauge, angled shaft, 45-degree angle, 7mm bend to tip, blunt tip.	
AC0141	Air Injection Cannula, 30g	
	30 gauge, angled shaft, 45-degree angle, 8mm bend to tip, blunt tip.	

#### Gills-Welsh Aspirating Cannula

Reusable 25 gauge Gills-Welsh Aspirating Cannulas have 45-degree angled shafts with blunt, open tips. Various overall lengths and bend size.

AC0320 5	Aspirating Cannula, 5mm Bend 5mm from bend to tip. Overall length: 18mm.	•	
AC0320 7	Aspirating Cannula, 7mm Bend		
	7mm from bend to tip. Overall length: 21mm.		
AC0320 8	Aspirating Cannula, 8mm Bend		
	8mm from bend to tip. Overall length: 2lmm.		
AC0320 10	Aspirating Cannula, 10mm Bend		
	10mm from bend to tip. Overall length: 21mm.		

Item # Description Image **McIntyre Anterior Chamber Cannula** Reusable McIntyre Anterior Chamber Cannulas range from 23 gauge to 30 gauge and come in both angled and straight shaft patterns with blunt, open tips. Overall length: 18mm. AC0620 McIntyre Cannula, 23g 23 gauge, angled shaft, 45-degree angle, 12mm from bend McIntyre Cannula, 23g AC0760 23 gauge, straight shaft. AC0630 McIntyre Cannula, 26g 26 gauge, angled shaft, 45-degree angle, 12mm from bend AC0740 McIntyre Cannula, 26g 26 gauge, straight shaft. AC0640 McIntyre Cannula, 30g 30 gauge, angled shaft, 45-degree angle, 12mm from bend to tip. AC0750 McIntyre Cannula, 30g 30 gauge, straight shaft.

Item # Description Image

#### **McIntyre-Binkhorst Irrigating Cannula**

Reusable 26 gauge McIntyre-Binkhorst Irrigating Cannulas with angled or straight shafts. Tip is a 2.6mm wide J-shaped tip with a blunt front opening. Overall length: 18mm.

AC0800 McIntyre-Binkhorst Irrigating Cannula, Right

26 gauge, angled right shaft, 13mm from bend to tip.

AC0810 McIntyre-Binkhorst Irrigating Cannula, Straight

26 gauge, straight shaft.

AC0820 McIntyre-Binkhorst Irrigating Cannula, Left

26 gauge, angled left shaft, 13mm from bend to tip.



#### **Bishop-Harmon Irrigating Cannula**

Reusable Bishop-Harmon Irrigating Cannulas are available from 18 gauge to 27 gauge in size and have angled or straight shafts. Tips are flattened and blunt. Overall length: 24mm.

AC0230 18 Bishop-Harmon Irrigating Cannula, 18g

18 gauge, angled shaft, 35-degree angle, 7mm from bend to

tip.

AC0230 19 Bishop-Harmon Irrigating Cannula, 19g

19 gauge, angled shaft, 35-degree angle, 7mm from bend to

tip.

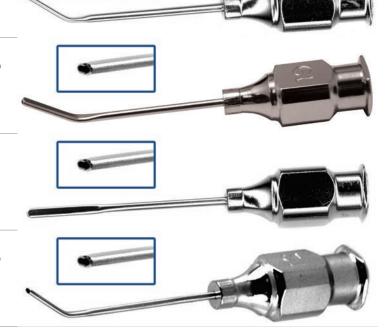
AC0231 19 Bishop-Harmon Irrigating Cannula, 19g

19 gauge, straight shaft.

AC0230 21 Bishop-Harmon Irrigating Cannula, 21g

 $2\mbox{l}$  gauge, angled shaft,  $35\mbox{-degree}$  angle,  $7\mbox{mm}$  from bend to

tip.



Item #	Description	Image
AC0230 23	Bishop-Harmon Irrigating Cannula, 23g	
	23 gauge, angled shaft, 35-degree angle, 7mm from bend to tip.	
AC0230 25	Bishop-Harmon Irrigating Cannula, 25g	
	25 gauge, angled shaft, 35-degree angle, 7mm from bend to tip.	
AC0230 26	Bishop-Harmon Irrigating Cannula, 26g	
	26 gauge, angled shaft, 35-degree angle, 7mm from bend to tip.	
AC0230 27	Bishop-Harmon Irrigating Cannula, 27g	
	27 gauge, angled shaft, 35-degree angle, 7mm from bend to tip.	
AC023I 27	Bishop-Harmon Irrigating Cannula, 27g	
	27 gauge, straight shaft.	

#### Bishop-Harmon Irrigating Cannula Bulb

Bishop-Harmon Irrigating Cannula Bulb measures 25mm in diameter, translucent silicone. Overall length: 63mm.

AC0220 Bishop-Harmon Irrigating Cannula Bulb



#### **Adapter for Irrigators**

Bishop-Harmon Adapter. Adapts to cannula hubs. Plastic, blue material. Overall length: 22mm.

AC0230 A Bishop-Harmon Adapter





Item # Description Image

#### **Bishop-Harmon Irrigating Cannula Set**

Reusable Bishop-Harmon Irrigating Cannula Sets are available from 19 gauge to 25 gauge in size and have angled shafts. Each set includes 1 cannula, 1 adapter for irrigators (AC0230A), and 1 silicone bulb (AC0220).

AC0230 19 CS	Bishop-Harmon Cannula Set, 19g	
	19 gauge.	
AC0230 23 CS	Bishop-Harmon Cannula Set, 23g	
	23 gauge.	
AC0230 25 CS	Bishop-Harmon Cannula Set, 25g	
	25 gauge.	

#### **Cystotome Cannula**

Reusable Cystotome Cannulas range from 25 gauge to 27 gauge with angled shafts that are 12mm from bend to tip. Cannulas have small cystotome sharp cutting edge tips and are irrigating. Overall length: 15mm.



#### **Lewicky Cystotome**

Angled shaft, 10mm from bend to tip, equilateral triangular tip, blunt base. Round handle. Overall length: 114mm.





#### **Hydrodissection Cannula**

Hydrodisection cannulas ranging in gauge size from 23 gauge to 30 gauge with straight or angled shafts.

AC0460 23 Hydrodissection Cannula, 23g

23 gauge, angled shaft, 35 degree angle 8mm from bend to tip, flattened horizontal tip. Overall length: 22mm.



AC0460 **Hydrodissection Cannula, 25g** 

25 gauge, angled shaft, 35 degree angle 8mm from bend to tip, flattened horizontal tip. Overall length: 22mm.



AC0465 Hydrodissection Cannula, 25g

 $25\, gauge, straight shaft, 2.5mm J-shaped tip with 0.3mm flattened tip. Overall length: 18mm.$ 



Item #	Description	Image
AC0485	Hydrodissection Cannula, 25g	
	25 gauge, straight shaft, 3mm wide U-shaped tip. Overall length: 25mm.	
AC0459	Hydrodissection Cannula, 25g	
	25 gauge, angled shaft, Ilmm from bend to tip, flattened tip. Overall length: 22mm.	
AC0462	Hydrodissection Cannula, 25g	
	25 gauge, angled left shaft, 10mm from bend to tip, 3mm wide U-shaped tip. Overall length: 25mm.	
AC0463	Hydrodissection Cannula, 25g	
	25 gauge, angled right shaft, 10mm from bend to tip, 3mm wide U-shaped tip. Overall length: 25mm.	
AC0457	Hydrodissection Cannula, 27g	
	27 gauge, angled shaft, Ilmm from bend to tip, flattened tip. Overall length: 22mm.	
AC0467	Hydrodissection Cannula, 27g	
	27 gauge, straight shaft, J-shaped tip. Overall length: 25mm.	
AC0469	Hydrodissection Cannula, 27g	
	27 gauge, angled left shaft, 10mm from bend to tip, 3mm wide U-shaped tip. Overall length: 25mm.	
AC0461	Hydrodissection Cannula, 27g	
	27 gauge, angled shaft, 35-degree angle 8mm from bend to tip, flattened horizontal tip. Overall length: 22mm.	

Item #	Description	Image
AC0473	Hydrodissection Cannula, 27g	
	27 gauge, angled right shaft, 10mm from bend to tip, 3mm wide U-shaped tip. Overall length: 25mm.	
		and a second
AC0458	Hydrodissection Cannula, 30g	
	30 gauge, angled shaft, Ilmm from bend to tip, flattened tip. Overall length: 22mm.	
AC0466	Hydrodissection Cannula, 30g	
	30 gauge, straight shaft, J-shaped tip. Overall length: 25mm.	

#### Akahoshi II Hydrodissection Cannula

27 gauge, curved shaft, Imm bend to tip, beveled tip. Overall length: 19mm.

AC0478 Akahoshi II Hydrodissection Cannula



#### **Chang Nucleus Hydrodissection Cannula**

Reusable Chang Nucleus Hydrodissection Cannulas come in 27 gauge with 90-degree angled shafts and flat tips with beveled openings. Overall length: 16mm.

AC0475	1.5mm Chang Hydrodissection Cannula 1.5mm flat standard tip.	
AC0476	3mm Chang Hydrodissection Cannula	
	3.0mm flat long tip.	

Item # Description Image

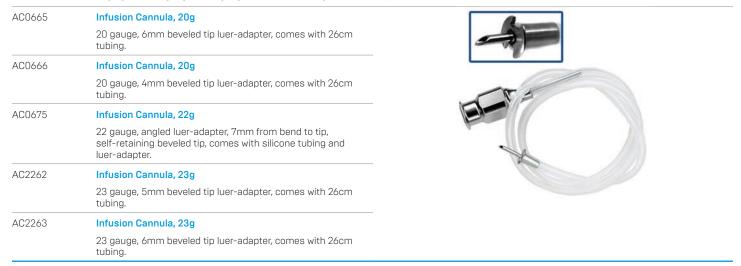
#### Simcoe Cortex Extractor Cannula

Reusable 23 and 25 gauge Simcoe Cortex Extractor Cannulas with I3mm and 2lmm curved shafts. Cannulas have closed rounded tips with a 0.3mm aspiration port that faces into the shaft. Overall length: 2lmm.



#### **Infusion Cannula**

Infusion cannulas ranging from 20 gauge to 23 gauge, come with tubing and luer-adapter.



#### **Anis Cortex Aspirating Cannula**

23 gauge, angled shaft, 35-degree angle, thin wall, 1.5mm from bend to tip, 0.4mm sideport opening, sandblasted tip. Reusable. Overall length: 26mm.





#### **Graether Collar Button Cannula**

Straight shaft. Overall length: 25mm.

23 gauge Graether Collar Button Cannulas with straight or curved shafts. Collar button tip with roughened posterior surface.

AC0390 Collar Button Cannula, Straight



Male Infusion Handle

Item #	Description	Image
AC0400	Collar Button Cannula, Angled	4
	Angled shaft, 45-degree angle, 10mm from bend to tip. Overall length: 22mm.	

#### **Infusion Handle**

AC1300

AC1301

AC2155

Reusable Infusion Handles that are made from stainless steel. Available with various connectors and overall lengths.

Male to male connector. Overall length: 10cm.

ACI305 Female Infusion Handle

Male to female luer lock connector. Overall length: 10cm.

AC6540 Tubing Infusion Handle
Male to tubing connector. Overall length: 7.5cm.

The state of the s

Tubing Infusion Handle

Male to tubing connector. Overall length: 11.5cm.

#### Henderson MICS Capsule Polisher Cannula

23 gauge, curved shaft, 0.3mm port facing down, lightly sandblasted 1.25mm saucer-shaped tip. Overall length: 21mm.

Henderson MICS Capsule Polisher Cannula

25 gauge, curved shart, o.o.mim por classing down, lightly sandblasted i.25mim sadder shaped tip. Overall length. 21mim.



#### Item # Description Image

#### Jensen Capsule Polisher

Reusable Jensen Capsule Polishers are available in 23 gauge and 25 gauge with curved shafts. Whole capsule and posterior capsule polishers are available with carbide impregnated sandblasted tips. Overall length: 28mm.

AC2140	Posterior Capsule Polisher, 23g	
	Posterior capsule polisher, 23 gauge.	
AC2130	Posterior Capsule Polisher, 25g	
	Posterior capsule polisher, 25 gauge.	
AC2110	Capsule Polisher, 23g	
	Whole capsule polisher, 23 gauge.	
AC2120	Capsule Polisher, 25g	
	Whole capsule polisher, 25 gauge.	



#### Gills-Welsh Olive Tip Cannula

25 gauge, angled shaft, 45-degree angle, 10mm from bend to tip, 1mm stainless steel ball tip. Overall length: 26mm.

AC0350 Gills-Welsh Olive Tip Cannula



#### **Lacrimal Cannula**

Lacrimal cannulas ranging from 20 gauge to 27 gauge with various shafts and tips.

AC0584 Lacrimal Cannula, 20g

20 gauge, straight shaft, blunt closed tip with sideport

opening. Overall length: 28mm.



AC0590 Lacrimal Cannula, 22g

22 gauge, malleable straight shaft, blunt flared probe tip.

Overall length: 19mm.



AC0560 Lacrimal Cannula, 23g

23 gauge, curved 19 gauge reinforced shaft, 10mm tip, open

blunt tip. Overall length: 31mm.



AC0570 Lacrimal Cannula, 23g

23 gauge, straight 19 gauge reinforced shaft, 12mm blunt

open tip. Overall length: 32mm.

Item #	Description	Image
AC0580	Lacrimal Cannula, 23g	4
	23 gauge, straight shaft, blunt open tip. Overall length: 25mm.	
AC0583	Lacrimal Cannula, 25g	A SECTION 1
	25 gauge, straight shaft, blunt open tip. Overall length: 25mm.	
AC0560 27	Lacrimal Cannula, 27g	
	27 gauge, curved 19 gauge reinforced shaft, 10mm tip, open blunt tip. Overall length: 32mm.	
AC0561	Lacrimal Cannula, 27g	
	27 gauge, straight 19 gauge reinforced shaft, 12mm tip, open blunt tip. Overall length: 32mm.	
AC0582	Lacrimal Cannula, 27g	A Temporary Control of the Control o
	27 gauge, straight shaft, blunt open tip. Overall length: 25mm.	

#### **Bailey Lacrimal Cannula**

Reusable reinforced Bailey Lacrimal Cannulas are available in 23 gauge or 27 gauge with straight, 19 gauge reinforced shafts. Tips are 6mm in size and have a blunt, open end. Overall length: 14mm.

AC0200	Bailey Lacrimal Cannula, 23g	
	23 gauge.	
AC0201	Bailey Lacrimal Cannula, 27g	000
	27 gauge.	

#### Fasanella Lacrimal Cannula

Reusable Fasanella Lacrimal Cannulas ranging from 23 gauge to 27 gauge with gently curved reinforced shafts and 22mm open, blunt tips. Overall length: 42mm.

AC0565	Lacrimal Cannula, 23g	
	23 gauge, 19 gauge reinforced shaft.	
AC0566	Lacrimal Cannula, 25g	
	25 gauge, 20 gauge reinforced shaft.	
AC0567	Lacrimal Cannula, 27g	
	27 gauge, 21 gauge reinforced shaft.	

Item # Description Image

#### Simcoe I/A Cannula

23 gauge, curved thin wall shaft, 0.3mm aspiration through top port, irrigation through side opening, comes with 10-inch tubing and luer-lock adapter. Overall length: 15mm.

AC1040 Simcoe I/A Cannula



#### Slade LASIK Cannula

26 gauge, angled shaft, 9mm from bend to tip, flattened spatulated tip with front port opening. Overall length: 16mm.

AC5400 Slade Cannula, 26g





#### **NON-IRRIGATING CAPSULE POLISHERS**

Item # Description Image

#### **Accutome Capsule Polishing Sweeper and Curette**

Double-ended, one angled shaft with sweeper tip, 10mm from bend to tip, rounded, teardrop shaped, flat tip, 0.8mm wide. One straight shaft with ring curette, 90 degree angled ring tip, 1.8mm in diameter. Round handle. Overall length: 147mm.

AH0228

**Accutome Capsule Polisher** 



#### Gills-Welsh Capsule Polishing Curette

Angled shaft, 8mm from bend to tip, 2mm diameter cup tip. Flat handle. Overall length: 12lmm.

AH0130 Gills-Welsh Capsule Curette



#### **Holladay Posterior Capsule Polisher and Curette**

Straight shaft, 0.5mm diameter tip, sandblasted side on reverse of curette. Round handle. Overall length: 127mm.

AH0240 Holladay Posterior Capsule



#### **Nightingale Posterior Capsule Polishing Curette**

Angled shaft, open ring tip, 1.75 diameter, semi-sharp edge. Round handle. Overall length: 124mm.

AH0220 Nightingale Polishing Curette



#### **Shepherd Capsule Polishing Curette**

Angled shaft, 10mm from bend to tip, 1.75mm diameter ring tip, semi-sharp top and bottom edges. Flat handle. Overall length: 121mm.

AH0225 Shepherd Capsule Polisher



#### **NON-IRRIGATING CAPSULE POLISHERS**

Item # Description Image

#### Singer Sweep Polisher

Double-ended, angled shafts, angled left and right, 10mm from bend to tip, rounded paddle tips, 0.75mm wide tips. Round handle. Overall length: 148mm.

AH7210 Singer Sweep Polisher



#### **Whitman Sheperd Capsule Polisher**

Double-ended, angled shafts, angled left and right, 10mm from bend to tip, low profile ring tips, 1.75mm diameter rings, semi-sharp top and bottom edges of rings. Round handle. Overall length: 145mm.

AH0226 Whitman Shepherd Polisher



#### Accutome 360-Degree Capsule Polishing Curette

Angled shaft, 13mm from bend to tip, unique multi-bend tip, 1.60mm diameter ring tip with semi-sharp top and bottom edges. Round handle. Overall length: 121mm.

AH0222 360-Degree Capsule Polisher







#### **CURETTES**

Item #	Description	Image
Heath Chala	zion Ring Curette	
Straight shaf	t, ring height 1.5mm. Round handle. Overall length: l3lmm.	
AH0140	Heath Chalazion Curette, No. 1	
	lmm diameter ring.	
AH0150	Heath Chalazion Curette, No. 2	
	2mm diameter ring.	C ACCUTOME AND SO SECONDARY
AH0160	Heath Chalazion Curette, No. 3	
	3mm diameter ring.	
Meyerhoeffe	r Chalazion Curette	
Straight 31mr	n shaft and various cup sizes. Flat handle.	
AH0170	Chalazion Curette, Number 0 Cup	
	1.5mm cup. Overall length: 125mm.	
AH0180	Chalazion Curette, Number 1 Cup	
	1.75mm cup. Overall length: 125mm.	ACCUTOME AH0200
AH0190	Chalazion Curette, Number 2 Cup	
	2.0mm cup. Overall length: 124mm.	
AH0200	Chalazion Curette, Number 3 Cup	
	2.5mm cup. Overall length: 124mm.	
AH0210	Chalazion Curette, Number 4 Cup	
	3.5mm cup. Overall length: 125mm.	

# Lens Manipulators & Choppers

Item # Description Image

#### Anis Ball Tip Nucleus Manipulator

Angled shaft, 10mm from bend to tip, ball tip, 0.5mm diameter tip. Round handle. Overall length: 115mm.

AH4450 Anis Ball Tip Nucleus Manipulator





#### **Barrett Duo Nucleus Rotator/Manipulator/Splitter**

Titanium, double-ended, angled shafts, 14mm from bend to tip, straight sharp inner/outter sides of splitter tip, cutting edge 90 degrees to axis, 10mm from bend to tip, 0.65mm mushroom tip manipulator. Round handle. Overall length: 12lmm.

AH4282 Round Handle Nucleus Rotator



#### **Bechert Lens Pusher**

Angled shaft, 7mm from bend to tip, Y-shaped tip, vertical rotator tip. Round handle. Overall length: 124mm.

AHI580 Bechert Lens Pusher



#### **Bechert Nucleus Rotator**

Angled shaft, 7mm from bend to tip, Y-shaped tip. Round handle. Overall length: 120mm.

AH4100 Stainless Steel Rotator

Stainless steel handle.

AH4100T Titanium Rotator

Titanium handle.



Angled shaft, 10mm from bend to tip, V-notched tip, 0.5mm wide flat spatula. Flat handle. Overall length: 121mm.

AH4110 Clayman Nucleus Rotator





Item #	Description	Image
Drysdale Nuc	cleus Manipulator	
Angled shaft,	10mm from bend to tip, flattened paddle tip. Round handle.	
AH4120	Drysdale Nucleus Manipulator	
	Overall length: 110mm	_
AH4125	Drysdale Manipulator Anterior	
	Anterior capsule polisher. Overall length: Il2mm.	
Fenzel Lens I	Manipulating Hook	
Angled and st	traight shaft, 0.15mm diameter tip. Round handle.	
AH0560	Fenzl Lens Manipulating Hook, Angled	1
	Angled shaft, 10mm from bend to tip. Overall length: 115mm.	1
		· Contraction of the contraction
		Total of a colonia col
AH0550	Fenzl Lens Manipulating Hook, Straight	
	Straight shaft, T-shaped tip. Overall length: 121mm.	
		Consideration of the contract
		- AH000CC
Grayson Nuc	leus Manipulator	
Angled shaft,	10mm from bend to tip, 0.8mm flat, olive-shaped tip, flattened with	smooth, defined internal edge. Round handle. Overall length: 115mm.
AH4121	Grayson Nucleus Manipulator	
		~
Grayson/Kug	len Double-Ended Manipulator	_
Double-ended 140mm.	d, angled shafts, 10mm from bend to tip, 0.8mm flat olive shaped tip	o, 9mm from bend to tip, push/pull model, H-shaped. Round handle. Overall length:
AH4122	Grayson-Kuglen Double-Ended Manipulator	

Item # Description Image

#### **Hunkeler IOL Manipulator**

Angled shaft, 10mm from bend to tip, slightly curved, 0.3mm diameter hemi-ball tip. Round handle. Overall length: 115mm.

AHI5IO Hunkeler IOL Manipulator



#### **Jaffe-Bechert Nucleus Rotator**

Angled shaft, 9mm from bend to tip, Y-shaped tip. Round handle. Overall length: 120mm.

AH4I40 Stainless Steel Rotator

AH4I40TI Titanium Rotator

Titanium handle.

Stainless steel handle.



#### Koch Phacoemulsification Manipulator

Curved shaft, 0.8mm wide, duckbill shaped tip. Round handle. Overall length: 115mm.

AH5380 Koch Phaco Manipulator



#### **Koch Stop and Chop Manipulator**

Angled shaft, 10mm from bend to tip, 1.5mm long tip. Round handle. Overall length: 118mm.

AH5385 Koch Stop and Chop Manipulator



#### **Lester IOL Manipulator**

Hourglass/teardrop-shaped tip, 0.25mm tip. Round handle. Overall length: 115mm.

AHI520 Vaulted IOL Manipulator

Vaulted shaft, 10mm from bend to tip.



Item #	Description	Image	
AH1530	Angled IOL Manipulator		
	Angled shaft, 10mm from bend to tip.		
			9
AH1530T	Angled IOL Manipulator		
	Titanium, angled shaft, 10mm from bend to tip.		
			AHSOTIC
	Obstick IOI Mariantan		
AH1540	Straight IOL Manipulator Straight shaft.		
	Straight Shart.		
			Allow C
AH1540T	Straight IOL Manipulator		~
	Titanium, straight shaft.		
			17 (1984)
Lewicky Lens	Manipulator Hook		
Angled shaft,	9mm from bend to tip, slightly curved, 0.15mm tip. Flat ha	ndle. Overall length: 115mm.	
AH1140	Lewicky Lens Manipulator Hook		
		303000000000000000000000000000000000000	no sun a de la constantida del constantida de la constantida de la constantida del constantida de la constantida de la constantida del
Lieberman Mi	icrofinger Nucleus Manipulator		
Angled shaft,	10mm from bend to tip, unique C-shaped microfinger tip. I	Round handle. Overall length: 115mm.	
AH0860	Right Microfinger Nucleus Manipulator		
	Right-hand use.		
AH0870 C	Left Microfinger Nucleus Manipulator		
	Left-hand use.	399898988888	- Allow- c
			occosconsidificial accompanies (State 1991)

Item # Description Image

#### **Lindstrom STAR Manipulator**

Titanium, angled shaft, 12mm from bend to tip, multi-directional cross action star tip. Round handle. Overall length: 117mm.

AH0695T Lindstrom STAR Manipulator



#### **Mackool Double-Ended Chopper and Spatula**

Double-ended, angled shafts, 10mm from bend to tip. Micro 0.38mm ball-shaped blunt tip. Interior cutting edge, 11mm from bend to tip, cylindrical spatula, 0.4mm blade. Round handle. Overall length: 138mm.

AH7125 Mackool Double-Ended Chopper and Spatula



#### Maloney No Hole IOL Manipulator

Straight shaft, vaulted 7mm from tip, 0.25mm diameter teardrop shaped tip. Round handle. Overall length: 118mm.

AHI550 Maloney No Hole IOL Manipulator





#### **Maloney Nucleus Rotator**

Double-ended, angled shafts, I2mm from bend to tips, 0.5mm spatula tip, 0.6mm forked tip. Round handle. Overall length: I34mm.

AH4l35 Maloney Nucleus Rotator



#### Maltsman-Fenzel Lens Manipulating Hook

Straight and angled shafts, V-shaped tip, 0.15mm tip. Round handle. Overall length: 118mm.

AH0680 Maltzman-Fenzl Lens Hook, Straight

Straight shaft.





## Item # Description Image AH0690 Maltzman-Fenzl Lens Hook, Angled Angled shaft, 10mm from bend to tip. **Hunkeler IOL Manipulator** Angled shaft, hemi-ball tip, 0.3mm diameter tip. Round handle. Overall length: 105mm. AH1560 **Hunkeler IOL Manipulator** Masket Phaco Spatula Double-ended, angled shafts, 9mm from bend to tip, phaco splitter. 60-degree interior cutting edge, blunt tip, 12mm from bend to tip, cylindrical spatula, flat disc shaped tip. Round handle. Overall length: 136mm. AH4300 Masket Phaco Spatula **Nordan Capsule Elevator** Angled shaft, used for placing IOL in the bag. Round handle. AH1570 Nordan Capsule Elevator O'Gawa Lens Dialer Angled shaft, 10mm from bend to tip, collar button style tip. Round handle. Overall length: 118mm. AH4220 O'Gawa Lens Dialer

Item # Description Image Osher "Y" IOL Hook Straight shaft, Y-shaped tip. Round handle. Overall length: 124mm. AH0710 Osher "Y" IOL Hook **Osher Iris Retractor** Straight shaft, oval button tip. Round handle. Overall length: 121mm. AH2135 Osher Iris Retractor **Osher Nucleus Manipulator** Straight shaft, blunt finger-like tip, 0.5mm two-prong, K-shaped tip. Round handle. Overall length: 114mm. AH0730 Osher Nucleus Manipulator Pisacano Nucleus Rotator Angled shaft, 10.5mm from bend to tip, Imm disc shaped tip. Round handle. Overall length: 115mm. AH4160 **Horizontal Nucleus Rotator** Horizontal disc-shaped tip. **Vertical Nucleus Rotator** AH4161 Vertical disc-shaped tip.

Item # Description **Image** Rentsch Boat Hook Lens Manipulator Straight shaft, split hook tip. Round handle. Overall length: 115mm. AH0740 Rentsch Boat Hook Lens Manipulator Siepser Endocapsular Controller Angled shaft, I2mm from bend to tip, 0.7mm trumpet-shaped tip. Round handle. Overall length: I18mm. AH4190 Siepser Endocapsular Controller Sinskey C-Hook, Modified Curved shaft, 10mm from tip to first bend, offset shaft, 0.2mm diameter tip, blunt. Flat handle. Overall length: 120mm. AH1150 Sinskey C-Hook, Modified Sinskey Lens Manipulating Hook Straight and angled shafts with 0.2mm or 0.25mm diameter blunt tip. AH1155 Sinskey Hook, Angled Angled shaft, 12mm from bend to tip, 0.2mm diameter blunt tip reversed. Round handle. Overall length: 115mm. AH1160 Sinskey Hook, Angled Angled shaft, 10mm from bend to tip, 0.2mm diameter blunt tip. Round handle. Overall Length: Illmm. AH1165 Sinskey Hook, Straight Straight shaft, 0.2mm diameter blunt tip. Round handle. Overall length: 115mm.

Item #	Description	Image
AH1170	Sinskey Hook, Angled	
	Angled shaft, 10mm from bend to tip, 0.2mm diameter blunt tip. Flat handle. Overall length: 115mm.	
		ACCUTOME USA C€ AHI170 C
AH1175	Sinskey Hook, Straight	
	Straight shaft, 0.2mm diameter blunt tip. Flat handle. Overall length: I20mm.	
		ACCUTOME USA C€ AH1175 C
AH1210	Sinskey Hook, Angled	
	Titanium. Angled shaft, 10mm from bend to tip, 0.2mm diameter blunt tip. Round handle. Overall length: 115mm.	
AHIIIO	Sinskey Hook, Angled	
	Angled shaft, 10mm from bend to tip, 0.25mm diameter blunt tip. Flat handle. Overall length: 115mm.	
AH1200	Sinskey Hook, Angled	
	Angled shaft, 10mm from bend to tip, 0.25mm diameter blunt tip. Round handle. Overall length: 115mm.	
AHII90	Sinskey Hook, Straight	
	Straight shaft, 0.25mm diameter blunt tip. Round handle. Overall length: 120mm.	
AHII90TI	Sinskey Hook, Straight  Titanium, straight shaft, 0.25mm diameter blunt tip. Round handle. Overall length: 120mm.	
Tennant Nucl	eus Manipulator	_
Angled shaft, l	Omm from bend to tip, 0.37mm ball shaped tip. Round handle. Over	rall length: 118mm.
AH4200	Tennant Nucleus Manipulator	

Item # Description Image **Accutome Wand** The Accutome Wands are made from titanium and stainless steel. They are available with straight and angled shafts and curved and angled tips with a 0.5mm diameter ball. Round handle. Overall length: 115mm. AH7100T Straight Wand Titanium, straight shaft, curved tip. AH7101 **Curved Wand** Stainless steel, curved shaft, curved tip. AH7105T **Angled Wand** Titanium, angled shaft, 10.0mm from bend to tip. AH7106T **Angled Wand** Titanium, angled shaft, 10mm from bend to tip, 90-degree angled tip. AH7107T Straight Wand Titanium, straight shaft, 90-degree angled tip. Akahoshi Nucleus Sustainer Angled shaft, 10mm from bend to tip, paddle-shaped blade, right side dished out. Round handle. Overall length: 115mm. AH7110 Akahoshi Nucleus Sustainer

Item# Description Image

### **Ambidextrous Seibel Nucleus Chopper**

Angled shaft, I5mm from bend to tip, curved interior cutting edge, 0.5mm olive-shaped tip. Ambidextrous, round handle. Overall length: I17mm.

AH4173 Ambidextrous Seibel Nucleus Chopper





### Castroviejo Dissector

Angled shaft, 5mm from bend to tip, 1.5mm wide x 5mm flat angled blade. Flat handle. Overall length: 119mm.

AH6545 Castroviejo Dissector



### **Chang Microfinger Phaco Chopper and Quick Chopper**

Double-ended, angled shafts, 10mm from bend to tip, C-shaped blunt chopper tip, 1.0mm pointed sharp quick chop tip. Round handle. Overall length: 137mm.

AH4290	Left Chopper		
	Left-hand use.		
AH4295	Right Chopper		
	Right-hand use.		
AH4290T	Left Chopper	administrative and a first section of the section o	
	Titanium, left-hand use.		

### **Chang-Seibel Microfinger Chopper and Vertical Safety Chopper**

Double-ended, angled shafts, 10mm from bend to tips, unique C-shaped microfinger chopper with blunt tip, 0.5mm olive-shaped blade with 1.0mm bend. Round handle. Overall length: 138mm.

AH4289	Right Chopper		
	Right-hand use.		7
AH4288	Left Chopper	3	
	Left-hand use.		

### **Davidoff Ambidextrous Nucleus Chopper**

 $Angled\ shaft,\ 10mm\ from\ bend\ to\ tip,\ blunt\ tip,\ triangle-shaped\ cutting\ edge.\ Ambidextrous\ use,\ round\ handle.\ Overall\ length:\ 115mm.$ 



Item # Description Image

### **Dodick-Kammann Nucleus Chopper**

Angled shaft, 12mm from bend to tip, 2mm long interior cutting edge, blunt tip. Round handle. Overall length: 112mm.

AH4236 Dodick-Kammann Nucleus Chopper



### **Escaf Nucleus Sustainer**

Angled shaft, 10mm from bend to tip, smooth ball tip. Round handle. Overall length: 115mm.

AH7I30 Escaf Nucleus Sustainer





### Fukasaku Snapper Chopper

Angled shaft, 10mm from bend to tip, blunt tip, wedge shaped interior cutting edge. Round handle. Overall length: 118mm.

AH4210 Fukasaku Nucleus Chopper



### **Goldberg Sideport Splitter**

Angled shaft, 10mm from bend to tip, 0.8mm flat teardrop shaped tip, blunt. Round handle. Overall length: 113mm.

AH4115 Goldberg Sideport Splitter



### **Haefliger Phaco Cleaver**

Angled shaft, 10mm from bend to tip, dull, curved cleaver tip. Round handle. Overall length: 115mm.

AH4216 Haefliger Phaco Cleaver, Right
Right-hand use.

AH4215 Haefliger Phaco Cleaver, Left
Left-hand use.



### Item # Description Image

### **He Hook Chopper**

Titanium, angled shaft, 10.5mm from bend to tip, interior cutting edge, hook shaped tip, blunt tip. Round handle. Overall length: 113mm.

AH4380	Right Hook Chopper	
	Right-hand use.	
AH4381	Left Hook Chopper	
	Left-hand use.	98495-96665-975-975-975-975-975-975-975-975-975-97

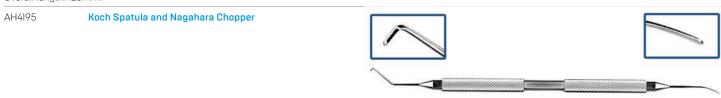
### Keener Lens/Nucleus Divider

One preformed snare wire loop. Round handle. Comes with three additional loops.



### Koch Spatula and Nagahara Chopper

Double-ended, curved shaft, 0.8mm wide spatula duckbill-shaped tip, angled shaft, 10mm from bend to tip. 1.5mm, 60-degree chopper cutting edge. Round handle. Overall length: 126mm.



### Lieberman Microfinger and Spatula

Double-ended, angled shafts, 10mm from bend to tip. C-shaped chopper, blunt tip, 0.5mm wide flat spatula. Round handle. Overall length: 142mm.

		Right Microfinger/Spatula	AH0880
4		Right-hand use.	
mente.		Left Microfinger/Spatula	AH0890
-		Left-hand use.	
-	 	Left-hand use.	

### **Mackool Phaco Chopper**

Angled shaft, 10mm from bend to tip, micro ball shaped tip, blunt, interior cutting edge. Round handle. Overall length: 114mm.

AH4145	Stainless Steel Chopper	
	Stainless steel.	
AH7115	Titanium Chopper	
	Titanium.	

## Mackool Phaco Chopper and Nucleus Chopper Double-ended. Round handle. AH4375 Mackool Double-Ended Chopper, Right Right-hand use. AH4376 Mackool Double-Ended Chopper, Left Left-hand use.

### **Maloney Quick-Chop**

Titanium. Double-ended, angled shafts, 9mm from bend to tip, quick-chop tip, 10mm from bend to tip, micro sharp pick tip. Round handle. Overall length: 133mm.



### Nagahara Fine Chopper and Nichamin Quick Chopper

Double-ended, 10mm from bend to tips, wedge-shaped cutting edge, fine interior cutting edge, blunt tip. Left-hand use, round handle. Overall length: 140mm.



### Nagahara Phaco Chopper

Angled shaft, 45 degrees, 10mm from bend to tip, 1.5mm tip, flat interior cutting edge, 60 degrees. Round handle. Overall length: 114mm.

AH4240	Stainless Steel Chopper	
	Stainless steel, ambidextrous.	
AH4240TI	Titanium Chopper	
	Titanium, ambidextrous.	
AH4242	Stainless Steel Chopper	
	Stainless steel, right-hand use.	
AH4242T	Titanium Chopper	
	Titanium, right-hand use.	
AH4243	Stainless Steel Chopper	
	Stainless steel, left-hand use.	

### Item # Description Image

### Nichamin Double-Ended Nucleus Chopper and Spatula

Double-ended, wedge-shaped chopper, 0.5mm spatula, blunt tip. Round handle. Overall length: 140mm.

AH4400 Nichamin Double-Ended Nucleus Chopper and Spatula



### **Nichamin Quick Chopper**

Titanium, angled shaft, 10mm from bend to tip, wedge-shaped cutting edge. Round handle. Overall length: 115mm.

AH4184TI	Nichamin Quick Chopper, Left		
	Left-hand use.		
AH4185T	Nichamin Quick Chopper, Right		
	Right-hand use.		

### Nichamin Quick Chopper II

Vaulted shaft, 10mm from bend to tip, eye-shaped wedged cutting edge, slightly angled tip. Right-hand use, round handle. Overall length: 114mm.

AH4184 Nichamin II Quick Chopper, Right





### **Nichamin Triple Chopper**

Angled shaft, 10mm from bend to tip, unique multi-directional cutting edge. Round handle. Overall length: 114mm.

AH4265 Nichamin Triple Chopper



### **Nucleus Chopper and Safety Quick Chopper**

Double-ended, angled shafts. One end is angled 15mm from bend to tip with curved interior cutting edge and 0.5mm olive-shaped tip. One end is angled 10mm from bend to tip with 0.5mm olive-shaped blade and 1.0mm bend. Round handle. Overall length: 138mm.

Titanium Chopper, Right		
Titanium, right-hand use.		
Stainless Steel Chopper, Right		
Stainless steel, right-hand use.		
Titanium Chopper, Left	200000000000000000000000000000000000000	Antonophine mening billion billion
Titanium, left-hand use.		
Stainless Steel Chopper, Left		
Stainless steel, left-hand use.		
	Titanium, right-hand use.  Stainless Steel Chopper, Right Stainless steel, right-hand use.  Titanium Chopper, Left Titanium, left-hand use.  Stainless Steel Chopper, Left	Titanium, right-hand use.  Stainless Steel Chopper, Right Stainless steel, right-hand use.  Titanium Chopper, Left Titanium, left-hand use.  Stainless Steel Chopper, Left

### Item # Description Image

### **Rosen Chopper**

Angled shaft, 9.0mm from bend to tip, blunt tip, interior cutting edge, wedge-shaped. Round handle. Overall length: 114mm.

AH4170	Stainless Steel Chopper	
	Stainless steel, 45-degree interior cutting edge.	
AH4I70TI	Titanium Chopper	
	Titanium, 45-degree interior cutting edge.	 
AH4180	Stainless Steel Chopper	
	Stainless steel, 60-degree interior cutting edge.	
AH4180T	Titanium Chopper	
	Titanium, 60-degree interior cutting edge.	

### **Seibel Nucleus Chopper**

Angled shaft, 15mm from bend to tip, curved interior cutting edge, 0.5mm olive-shaped tip. Round handle. Overall length: 117mm.

AH4175	Seibel Nucleus Chopper, Right	
	Right-hand use.	
AH4176	Seibel Nucleus Chopper, Left	
	Left-hand use.	

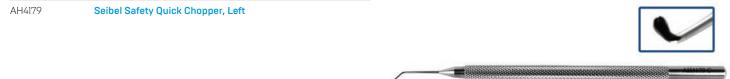
### Seibel Nucleus Chopper and Safety Quick Chopper

Double-ended, angled shafts, 10mm from bend to tips, 0.5mm olive-shaped tips, one quick-chop tip, one curved interior cutting edge tip. Round handle. Overall length: 140mm.



### Seibel Safety Quick Chopper

Angled shaft, 10mm from bend to tip, 0.5mm olive shaped tip, 1.0mm bend at tip. Left-hand use, round handle. Overall length: 115mm.



Item # Description Image

### Steinert II Nucleus Claw Chopper

Vaulted shaft, 10mm from bend to tip, J-shaped chopper, cutting edge. Ambidextrous, round handle. Overall length: 118mm.

AH4218 Steinert II Nucleus Claw Chopper





### **Sweeney Manipulator Cracker**

Angled shaft, 10mm from bend to tip, flat paddle-shaped tip that is spooned out on left side. Round handle. Overall length: 113mm.

AH4l26 Stainless Steel Manipulator Cracker

Stainless steel.

AH4I26T Titanium Manipulator Cracker

Titanium.

### Verges Phaco Chopper

Angled shaft, 12mm from bend to tip, semi-curved centered interior cutting edge, 0.4mm olive-shaped tip. Ambidextrous, round handle. Overall length: 112mm.

AH4275 Verges Phaco Chopper





d 0.3mm hooked tip. Flat handle. Overall length: 123mm.  onn Iris Hook  Hook  gree, 9mm shaft, 0.3mm hook. Flat handle. Overall length: 105r  layman Iris Hook	mm.
onn Iris Hook Hook gree, 9mm shaft, 0.3mm hook. Flat handle. Overall length: 105r layman Iris Hook	mm.
Hook gree, 9mm shaft, 0.3mm hook. Flat handle. Overall length: 105r layman Iris Hook	mm.
gree, 9mm shaft, 0.3mm hook. Flat handle. Overall length: 105r layman Iris Hook	mm.
gree, 9mm shaft, 0.3mm hook. Flat handle. Overall length: 105r layman Iris Hook	mm.
gree, 9mm shaft, 0.3mm hook. Flat handle. Overall length: 105r layman Iris Hook	mm.
layman Iris Hook	mm.
layman Iris Hook	
s Manipulating Hook	
s Manipulating Hook	
s Manipulating Hook	
Manipulating Hook	
from bend to tip, 0.15mm diameter blunt tip. Flat handle. Overa	all length: 115mm.
layman-Jaffe Lens Manipulating Hook	
	ACCUTOME USA C€ AHI100 C
	ACCOUNT OF A MILES
Hook	
d tip. Round handle. Overall length: 143mm.	
rawford Retrieving Hook	
obe Retrieving Hook	
from bend to tip, 65mm shaft, used for retrieving the Crawford	d/Benger intubation probes, flattened J-shaped tip. Round handle. Overall length:
rawford Hook	
	Hook d tip. Round handle. Overall length: 143mm. rawford Retrieving Hook obe Retrieving Hook rom bend to tip, 65mm shaft, used for retrieving the Crawfor

Item # Description Image

### **Culler Rectus Muscle Hook**

Straight shaft, flattened hook tip, 7mm hook. Flat handle. Overall length: 125mm.

AH0605 Culler Rectus Muscle Hook



### **Double Fixation Hook**

Straight shaft, double prong hooked tip, sharp tips. Flat handle. Overall length: 128mm.

AH0530 **1.5mm Fixation Hook** 

1.5mm spread between curved tips.

AH0540 2mm Fixation Hook

2mm spread between curved tips.

### Fukasaku Snapper Hook

Angled shaft, 10mm from bend to tip, wedge-shaped flat interior cutting edge, blunt tip, front notch for engaging iris. Round handle. Overall length: 114mm.

AHI600 Fukasaku Snapper Hook



### **Gass Retinal Detachment Hook**

Straight shaft, Graefe hook tip, 13mm hook, 1.5mm oval hole. Flat handle. Overall length: 143mm.

AH0580 Gass Retinal Detachment Hook



### **Graether Collar Button-Handle**

Straight and angled shafts. Iris retractor and capsule polisher with roughened posterior surface. Round handle. Overall length: 116mm.

AH2120 Graether Collar Button, Angled

Angled shaft, 10mm from bend to tip.



Item #	Description	Image
AH2130	Graether Collar Button, Straight Straight shaft.	25
Hirschman Ir	ris Hook	Seeses Se
Angled shaft, AH2140	45 degree, 9mm from bend to tip, H-shaped 0.75mm hook tip. Rour  Hirschman Iris Hook	nd nandle. Uverall length: I22mm.
AH2140	niisciiiiaii iiis nuuk	
Iris Hook		
Straight shaf	t, blunt curved hook. Flat handle. Overall length: 125mm.	
AH2I50	Iris Hook	
		ACCUTONE USA CE. EL ARRISO C
Jaffe Iris Hoo	ok	
Straight shaf	t, 1.2mm hooked tip, blunt. Flat handle. Overall length: 127mm.	
AH2160	Jaffe Iris Hook	
		ACCUTOME
Jaffe Lens M	anipulating Hook	
Straight shaf	t, blunt tip, 0.15mm diameter tip. Flat handle. Overall length: 121mm.	
AHII30	Jaffe Lens Manipulating Hook	

### Item # Description Image Jaffe-Maltzman Lens Manipulating Hook Angled shaft, 10mm from bend to tip, 0.15mm V-shaped tip. Flat handle. Overall length: 118mm. AH0600 Jaffe-Maltzman Lens Hook Kirby Expressor Double-Ended Hook and Loop Double-ended, straight shafts, curved 5mm x 10mm loop, smooth loop, 10mm wide muscle/expressor hook. Round handle. Overall length: 155mm. AH3160 Kirby Expressor Double-Ended Hook and Loop Kuglen Iris Hook Lens Manipulator Straight and angled shafts with either K-hook or push-pull type tips. Round or flat handle options. Overall length: 115mm. AH0630 Iris Hook and Lens Manipulator, Angled Angled shaft, push-pull tip, 10mm from bend to tip. Flat handle. AH0630TI Iris Hook and Lens Manipulator, Angled Titanium, angled shaft, 10mm from bend to tip, push-pull tip. Round handle. AH0630T Iris Hook and Lens Manipulator, Angled Titanium, angled shaft, 10mm from bend to tip, push-pull tip. Flat handle. AH0640 Iris Hook and Lens Manipulator, Straight Straight shaft, push-pull tip. Flat handle.

Item #	Description	Image
AH0650	Iris Hook and Lens Manipulator, Straight	
	Straight shaft, push-pull tip. Round handle.	
AH0660	Iris Hook and Lens Manipulator, Angled	_
AI 10000	Angled shaft, 10mm from bend to tip, push-pull tip. Round	<b>T</b>
	handle.	
		The second control of
AH0670	Iris Hook and Lens Manipulator, Straight	
	Straight shaft, 0.5mm K-hook. Flat handle.	i i i i i i i i i i i i i i i i i i i
		0 0
		ACCUTOMEUNACE AHMOTOC
AH0675T	Iris Hook and Lens Manipulator, Angled	_
A1100731	Titanium, angled shaft, 10mm from bend to tip, push-pull tip.	
	Round handle.	
Maumenee Ir	is Hook	
Straight shaft	;, curved hook tip. Imm blunt tip. Flat handle. Overall length: 121mm.	
AH2190	Maumenee Iris Hook	
Shepard Iris I	Hook	
Straight shaft	., Imm hooked tip, I blunt prong, small. Flat handle. Overall length: 12	7mm.
AH2230	Shepard Iris Hook	
		ACCUTOME AH 2230 AGE 6

Item # Description Image Sinskey Iris and IOL Hook Straight shaft, 0.2mm hooked tip. Flat serrated handle. Overall length: 118mm. AH1180 Sinskey Iris and IOL Hook **Smith Expressor Hook** Straight shaft, curved 11.5mm hooked tip. Flat handle. Overall length: 150mm. AH6950 **Smith Expressor Hook Stevens Tenotomy Hook** Straight shaft, 6mm hook shaped tip, blunt. Flat handle. Overall length: 120mm. AH0750 **Stevens Tenotomy Hook Twist Fixation Hook** Straight shaft, clockwise and counter-clockwise twist hooks. Round handle. AH0760 Twist Fixation Hook, 0.3mm Small, 0.3mm, left, counter-clockwise twist hook. Overall length: 110mm. AH0770 Twist Fixation Hook, 0.3mm Small, 0.3mm, right, clockwise twist hook. Overall length: 110mm. AH0780 Twist Fixation Hook, 0.5mm Large, 0.5mm, left, counter-clockwise twist hook. Overall length: 127mm. AH0790 Twist Fixation Hook, 0.5mm Large, 0.5mm, right, clockwise twist hook. Overall length:

Item # Description Image

### **Tyrell Iris Hook**

Straight shaft, 2mm hooked tip, I sharp prong. Flat handle. Overall length: 127mm.

AH2240 Tyrell Iris Hook



### University of Kansas Spatula and Hook

Double-ended, 2mm wide x 24mm long spatula tip, malleable, 3mm wide hooked tip, 90 degree angle. Flat handle. Overall length: 124mm.

AH5360 University of Kansas Spatula and Hook



### **Green Strabismus Hook**

Straight shaft, 7mm wide tip, flat-ended hook tip. Flat handle. Overall length: 130mm.

AH0590 Green Strabismus Hook



### Jameson Muscle Hook

Straight shaft, 6mm flat hook with bulbous tip. Flat handle. Overall length: 133mm.

AH0610 2mm Muscle Hook
2mm bulbous tip.

AH0620 1.5mm Muscle Hook
1.5mm bulbous tip.



### Von Graefe Strabismus Hook

Straight shaft, flattened hook tip. Flat handle.

AH0800 Von Graefe Strabismus Hook, Size 1

8mm from hook bend to tip. Overall length: 140mm.



Item #	Description	Image
AH0810	Von Graefe Strabismus Hook, Size 2	
	9mm from hook bend to tip. Overall length: 140mm.	
AH0820	Von Graefe Strabismus Hook, Size 3	
	10mm from hook bend to tip. Overall length: 143mm.	

### **RETRACTORS**

Item # Description Image

### Berke-Jaeger Lid Plate

Double-ended stainless steel lid plate, flat with rounded ends, 20mm and 23mm wide blades. Overall length: 109mm.

AL2110 Berke-Jaeger Lid Plate



### **Conway Lid Retractor**

7.5mm wide blade, flat handle. Overall length: 142mm.

AL2155 Conway Lid Retractor



### Desmarres Lid Retractor

Wide retractor blade. Flat, serrated handle with polished finish.

AL2120	Desmarres Lid Retractor, Size 0
	11mm wide retractor blade. Overall length: 140mm.
AL2130	Desmarres Lid Retractor, Size 1
	13mm wide retractor blade. Overall length: 137mm.
AL2140	Desmarres Lid Retractor, Size 2
	15mm wide retractor blade. Overall length: 143mm.
AL2150	Desmarres Lid Retractor, Size 3
	17mm wide retractor blade. Overall length: 145mm.



### **RETRACTORS**

Item # Description Image

### **Knapp Lacrimal Sac Retractor**

Blunt 4mm x 8mm wide 4-prong tip. Flat serrated handle with polished finish. Overall length: 135mm.

AL2180 Knapp Lacrimal Retractor





### **Pupil Iris Retractor**

4-prong, intraocular handle, curved.

AL3300 Pupil Iris Retractor



### Rizzuti Expressor and Iris Retractor

Double-ended, small retractor blade, 2.5mm wide, muscle hook/lens expressor tip. Round handle. Overall length: 147mm.

AH2210 Rizzuti Expressor and Iris Retractor



### **Schepens Orbital Retractor**

 $Smooth\ 14mm\ x\ 56mm\ blade\ with\ 4.5mm\ wide\ notch\ in\ blade.\ Flat\ serrated\ handle.\ Overall\ length:\ 148mm.$ 

AL2210 Schepens Orbital Retractor





### DSEK

Item # Description Image

### **Carlson DSEK Smoother**

Angled shaft, 7.5mm from bend to tip, 2.5mm ball tip. Round handle. Overall length: 115mm.

AH7200 DSEK Smoother



### Descemet's DSEK/DSAEK Stripper

Strongly curved shaft, 15mm from bend to tip, T-shaped tip, 0.75mm in diameter. Round handle. Overall length: 114mm.

AH7220 DSEK/DSAEK Stripper



### Rosenwasser Endothelial Stripper

The Rosenwasser Endothelial Stripper, also known as Melles DSAEK PLK Scraper Style 2, has an angled shaft, Ilmm from bend to tip, angled 45 degrees and 90-degree angled sandblasted tip. Round handle. Overall length: 125mm.

AH7202 Rosenwasser Endothelial Stripper





### **FIXATION RINGS**

### Item # Description Image

### **Fine-Thornton Fixation Ring**

Swivel style, open ring, with various degree markings on top of ring. Round, knurdled handle. Overall length: 133mm.

AR0190	13mm Fixation Ring 13mm diameter ring with 10-degree markings on top.
AR0190TI	13mm Fixation Ring
	Titanium. 13mm diameter ring with 10-degree markings on top.
AR0191	13mm Fixation Ring
	13mm diameter ring with 15-degree markings on top.
AR0197	14mm Fixation Ring
	14mm diameter ring with 10-degree markings on top.
AR0200	16mm Fixation Ring
	16mm diameter ring with 10-degree markings on top.



### Flieringa Scleral Fixation Ring

Flieringa Scleral Fixation Rings are stainless steel with a polished finish. Various sizes ranging from 12mm to 23mm. Sets are available.

AM0330 12	12mm Scleral Fixation Ring
	Stainless steel scleral fixation ring set. 12mm in diameter.
AM0330 13	13mm Scleral Fixation Ring
	Stainless steel scleral fixation ring set. 13mm in diameter.
AM0330 14	14mm Scleral Fixation Ring
	Stainless steel scleral fixation ring set. 14mm in diameter.
AM0330 15	15mm Scleral Fixation Ring
	Stainless steel scleral fixation ring set. 15mm in diameter.
AM0330 16	16mm Scleral Fixation Ring
	Stainless steel scleral fixation ring set. 16mm in diameter.
AM0330 17	17mm Scleral Fixation Ring
	Stainless steel scleral fixation ring set. 17mm in diameter.
AM0330 18	18mm Scleral Fixation Ring
	Stainless steel scleral fixation ring set. 18mm in diameter.
AM0330 19	19mm Scleral Fixation Ring
	Stainless steel scleral fixation ring set. 19mm in diameter.
AM0330 20	20mm Scleral Fixation Ring
	Stainless steel scleral fixation ring set. 20mm in diameter.
AM0330 21	21mm Scleral Fixation Ring
	Stainless steel scleral fixation ring set. 21mm in diameter.
AM0330 22	22mm Scleral Fixation Ring
	Stainless steel scleral fixation ring set. 22mm in diameter.
AM0330 23	23mm Scleral Fixation Ring
	Stainless steel scleral fixation ring set. 23mm in diameter.
AM0330	Set of 8 Scleral Fixation Rings
	Stainless steel scleral fixation ring set. This set includes 8 different sized rings that increase in 1.0mm increments. Diameter sizes include: 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, and 23mm.



### **FIXATION RINGS**

Item #	Description	Image
AM0330 SET	10330 SET Set of 12 Scleral Fixation Rings	
	Stainless steel scleral fixation ring set. This set includes 12 different sized rings that increase in 1.0mm increments. Diameter sizes include: 12mm, 13mm, 14mm, 15mm 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, and 23mm.	

### **Globe Fixation Ring**

Fixed style, open ring. I6mm diameter. Concentric groves on the bottom of ring for fixation of globe. Round handle. Overall length: 133mm.

AR0395 Globe Fixation Ring



### **Thornton Fixation Ring**

Fixed style. Overall length: 133mm.

AR0430 Thornton Fixation Ring, Open

Open ring. 13mm diameter with 7mm opening. Flat handle.



AR0420 Thornton Fixation Ring, Closed

Closed ring. 16mm diameter. Round handle.



### **FIXATION PICKS**

Item #	Description	Image

### **Anis Scleral Twist Fixation Cone**

Straight shaft, cone with 2.5mm diameter. Round handle.

AH0510 Anis Scleral Twist Fixation Cone



### **FIXATION PICKS**

# Forceps & Clamps

### **CAPSULE FORCEPS**

Item # Description Image

### **Arruga Capsule Forceps**

Vaulted shafts, narrow cup jaws. Flat handle. Overall length: 101mm.

AF0215	Arruga Capsule Forceps, Curved
	2.0mm cup jaws.
AF0210	Arruga Capsule Forceps, Curved
	2.5mm cup jaws.



### Castroviejo Capsule Forceps

Vaulted, cross-action shafts with 2.5mm cup jaws. Flat handle. Overall length: 105mm.

AF0230 Castroviejo Capsule Forceps



### **Gaskin Fragment Forceps**

Angled shafts, Ilmm from bend to tip, smooth jaws. Flat handle. Overall length: 108mm.

AF6395 Gaskin Fragment Forceps



### **Kraff Capsule Tag Forceps**

Angled shafts, Ilmm long jaws with 1.5mm smooth platform. Flat, 3-hole handle. Overall length: 108mm.

AF0250 Kraff Capsule Tag Forceps



Item # Description Image

### **Devgan MICS Capsulorhexis Forceps**

Vaulted cross-action shafts. Marks on top of shafts at 2.5mm and 5mm. Very fine Utrata style tips. Round handle. Overall length: 119mm.

AF0365T Devgan MICS Capsulorhexis Forceps



### Gianetti MICS Capsulorhexis Forceps

Vaulted thin shanks, 1.5mm maximum tip spread, extremely small delicate tips. Round handle. Overall length: 101mm.

AF0292 Gianetti MICS Capsulorhexis Forceps



### **Gimbel Capsulorhexis Forceps**

Angled shafts, 12mm from bend to tip. Fine, serrated grasping tips, jaws set to open only 3mm. Light tension. Flat handle. Overall length: 80mm.

AF0295 Gimbel Capsulorhexis Forceps



### **Kellan Capsulorhexis Forceps**

Angled shafts, Ilmm from bend to tip at 45 Degrees with Arruga style tips. Round knurled handle with guide pin. Overall length: 100mm.

AF0288 Kellan Capsulorhexis Forceps



### Lehner-Utrata Capsulorhexis Forceps

Vaulted shafts, I2mm from bend to tip, delicate grasping tips. Flat handle. Overall length: 82mm.

AF0300 C Lehner-Utrata Capsulorhexis Forceps



Item # Description Image

### **Masket Capsulorhexis Forceps**

Vaulted Ilmm shafts, very delicate triangular tips for grasping capsule. Flat handle. Overall length: 101mm.

AF0340 Masket Capsulorhexis Forceps



### **Nevyas Capsulorhexis Forceps**

Angled shafts, 12mm from bend to tip. Cystotome shaped tip for puncturing capsule. Flat handle. Overall length: 104mm.

AF0530 Nevyas Capsulorhexis Forceps



### O'Gawa-Utrata Capsulorhexis Forceps

Angled shafts, I2mm from bend to tip. Fine, serrated tips for grasping capsule. Round handle. Overall length: 98mm.

AF0355 O'Gawa-Utrata Capsulorhexis Forceps



### **Utrata Capsulorhexis Forceps**

Angled and vaulted shafts, serrated and triangular tips for grasping capsule.

AF0290 Utrata Capsulorhexis Forceps, Angled

Angled shafts, I2mm bend from tip. Fine, serrated tips for grasping capsule. Flat handle. Overall length: 82mm.



AF0290 A Utrata Capsulorhexis Forceps, Angled

Angled shafts, 12mm bend from tip. Fine, serrated tips for grasping capsule. Flat handle. Overall length: 80mm.



AF0290K Utrata Capsulorhexis Forceps, Angled

Angled shafts, 12mm bend from tip. Fine, serrated tips for grasping capsule. Flat, 3-hole handle. Overall length: 82mm.



Item #	Description	Image		
AF0290TI	Utrata Capsulorhexis Forceps, Angled			
	Titanium. Angled shafts, Ilmm bend from tip. Fine, serrated tips for grasping capsule. Flat handle. Overall length: 82mm.			
	apo for grouping dapodic. Flat randor dvoral forigatil dezimili			7
AF0299	Utrata Capsulorhexis Forceps, Angled			
	Angled shafts, I2mm bend from tip. Fine, sharp serrated tips			
	for grasping capsule. Flat handle. Overall length 82mm.	6	-	ļ
				U
AF0300	Utrata Capsulorhexis Forceps, Angled			
	Angled shafts, 12mm bend from tip. Fine, serrated tips for grasping capsule. Round handle. Overall length: 98mm.			
				1000
AF0300TI	Utrata Capsulorhexis Forceps, Angled			
	Titanium. Angled shafts, I2mm bend from tip. Fine, serrated			
	tips for grasping capsule. Round handle. Overall length: 98mm.			
		1		
AF0310	Utrata Capsulorhexis Forceps, Vaulted			
AI 0010	Vaulted shafts. Fine, serrated tips for grasping capsule.			
	Round handle. Overall length: 98mm.	1		
AF0310TI	Utrata Capsulorhexis Forceps, Vaulted			
	Titanium. Vaulted shafts. Fine, serrated tips for grasping capsule. Round handle. Overall length: 98mm.			
	·	1	1	5
AF0350	Utrata Capsulorhexis Forceps, Vaulted			
	Vaulted shafts, I2mm bend from tip. Fine, serrated tips			
	for grasping capsule. Cross-action handle. Overall length: 116mm.			
				1
		1		
AF0290K T	Utrata Capsulorhexis Forceps, Angled			
	Titanium. Angled shafts, 12mm bend from tip. Fine, serrated tips for grasping capsule. Flat, 3-hole handle. Overall length:			
	101mm.			
		1	<b></b>	

### Item # Description Image AF0290L Utrata Capsulorhexis Forceps, Angled Angled shafts, 12mm from bend to tip, delicate, triangular tips, laser marks on shaft at 2.5mm and 5.0mm. Short, flat 3-hole handle. Overall length: 89mm. Image

### **Utrata MICS Capsulorhexis Forceps**

Angled shafts, 12mm from bend to tip. Fine, serrated tips for grasping capsule. 1.8mm maximum blade spread. Flat handle. Overall length: 81mm.

AF0290M	Stainless Steel Capsulorhexis Forceps	
	Stainless steel.	
AF0290M T	Titanium Capsulorhexis Forceps	
	Titanium.	ACCUTOME USA CE

### **CHALAZION FORCEPS**

Item # Description Image

### **Baird Chalazion Forceps**

Oval I3mm solid lower plate, I2mm x 8mm open upper plate, locking thumb screw. Flat handle. Overall length: 97mm.

AF0400 Baird Chalazion Forceps



### **Desmarres Chalazion Forceps**

Solid lower plate with open upper plate, locking thumb screw. Flat handle. Overall length: 89mm.

AF0410	Desmarres Chalazion Forceps, 24mm	
	24mm solid lower plate, 12mm x 17mm open upper plate.	
AF0411	Desmarres Chalazion Forceps, 30mm	ACCUTOME
	30mm solid lower plate, 12mm x 20mm open upper plate.	AF0410

### Francis Chalazion Forceps

17mm lower plate, 12mm x 14mm upper plate, cross-action flat handle. Overall length: 98mm.

AF0430 Francis Chalazion Forceps



### **CHALAZION FORCEPS**

Item # Description Image

### **Heath Chalazion Forceps**

Solid oval lower plate, 12mm x 14mm open upper plate, locking thumb screw. Flat handle. Overall length: 98mm.

AF0440 Heath Chalazion Forceps



### **Hunt Chalazion Forceps**

Solid round lower plate, 12mm open upper plate, locking thumb screw, flat handle. Overall length: 98mm.

AF0450 Hunt Chalazion Forceps



### **Lambert Chalazion Forceps**

Solid round lower plate, open upper plate, locking thumb screw. Flat handle. Overall length: 92mm.

AF0460 Lambert Chalazion Forceps, Large

Large, solid round lower plate, 15mm open upper plate.



AF0470 Lambert Chalazion Forceps, Small

Small, solid round lower plate, 8.0mm open upper plate.



### **Wies Chalazion Forceps**

15mm solid lower plate with 9mm x 12mm open serrated upper plate, locking thumb screw, flat handle.

AF0520 Wies Chalazion Forceps



### **CILIA FORCEPS**

Item # Description Image

### **Barraquer Cilia Forceps**

Slightly angled shafts, 6mm smooth platform tips. Overall length: 111mm.

AF0800 Flat Handle Forceps

Flat handle.

AF0801 3-Hole Handle Forceps

Flat, 3-hole handle.



### Cilia Forceps

Straight shafts, 1.0mm x 3.0mm smooth platform tips. Flat handle. Overall length: 75mm.

AF0810 Cilia Forceps



### **Drews Cilia Forceps**

Straight, narrow shafts with 7mm long smooth platform. Flat handle. Overall length: 105mm.

AF0820 Drews Cilia Forceps



### **Gradle Cilia Forceps**

Straight shafts, 2mm fine tips. Flat, cross-action handle. Overall length: 95mm.

AF0830 Gradle Cilia Forceps



### **CILIA FORCEPS**

Item # Description Image

### **Swiss Cilia and Suture Forceps**

Straight shafts, 45-degree 3mm wide jaws. Flat handle. Overall length: 95mm.

AF0840 **Swiss Cilia and Suture Forceps** 



### **CORNEAL FORCEPS**

Item # Description Image

### Castroviejo Colibri Corneal Forceps

Curved shafts, 0.12mm l x 2 teeth set at 45 degrees, 6mm tying platform. Flat, wide handle. Overall length: 108mm.

Stainless Steel Forceps AFIII0

Stainless steel.



**AFIIIOT Titanium Forceps** 

Titanium.



### **Girard Corneoscleral Forceps**

Curved shafts, I x 2 teeth set at 90 degrees, 6mm tying platform. Round handle. Overall length: 108mm.

AF1150	Scleral Forceps, Right	
	Right-hand use, 0.12mm tip.	
AFII60	Scleral Forceps, Left	
	Left-hand use, 0.12mm tip.	ACCUTOME
AF1170	Scleral Forceps, Left	ACCUTOME AF1160
	Left-hand use, 0.3mm tip.	

### **CORNEAL FORCEPS**

Item # Description Image

### **Hyde Corneal Forceps**

Curved shafts, 0.12mm 2 x 2 teeth set at 45 degrees, 6mm tying platform. Flat handle. Overall length: 108mm.

AF1190 Hyde Corneal Forceps



### Katzin-Barraquer Colibri Corneal Utility Forceps

Colibri style. 0.4mm l x 2 teeth set at 90 degrees, with 6mm tying platform. Overall length: 73mm.

AFII85 Corneal Utility Forceps



### Pierse Colibri Corneal Forceps

Very delicate 0.11mm 1 x 1 Pierse-type teeth, flat handle. Overall length: 76mm.

AF1240 Pierse Colibri Corneal Forceps



### **Polack Colibri Corneal Forceps**

Colibri style. Double 0.12mm 1 x 2 teeth separated by 1.0mm and 2.75mm long. Overall length: 70mm.

AFI250 Polack Colibri Corneal Forceps



### **Thorpe Corneal Forceps**

 $Straight\ shafts, 0.12mm\ 2\ x\ 3\ teeth\ set\ at\ 45\ degrees,\ with\ 5mm\ tying\ platform.\ Flat\ handle.\ Overall\ length:\ 94mm.$ 

AFI270 Thorpe Corneal Forceps



### **CORNEAL FORCEPS**

Item # Description Image

### **Troutman-Barraquer Colibri Corneal Forceps**

Colibri style corneal forceps that are available in both stainless steel and titanium options. Forceps have curved shafts and various tip sizes with 1 x 2 teeth sets. Flat handle. Overall length: 76mm.

AF1295	0.3mm Corneal Forceps
	0.3mm teeth set at 90 degrees, 6mm tying platform.
AF1280	0.5mm Corneal Forceps
	0.5mm teeth set at 45 degrees.
AFII80	0.12mm Corneal Forceps
	0.12mm teeth set at 45 degrees, 4.5mm tying platform.
AFII80TI	0.12mm Titanium Corneal Forceps
	Titanium, 0.12mm teeth set at 45 degrees, 4.5mm tying platform.
AF1290	0.12mm Corneal Forceps
	0.12mm set at 90 degrees.
AF1290TI	0.12mm Titanium Corneal Forceps
	Titanium. 0.12mm teeth set at 90 degrees.



### **DSEK FORCEPS**

Item # Description Image

### **Charlie II Donor Forceps**

Titanium. Very delicate, angled shafts, extremely thin semi-pointed tips. When tips are closed, there is a 150 micron (0.15mm) gap to keep from cell damage. Round knurled handle with guide pin. Overall length: 105mm.

AF0285T Charlie Donor Forceps



### Rossenwasser Donor Lamella Forceps

Angled/vaulted shafts, 12mm from bend to tip with 2mm thin semi-pointed tips. When tips are closed there is a 150 micron (0.15mm) gap to keep from cell damage. Flat, 3-hole handle. Overall length: 102mm.

AF0286 Rosenwasser Donor Lamella



### **DSEK FORCEPS**

Item# Description Image

### **Snyder Stripping Forceps**

Angled shafts, 12mm from bend to tip. Tips pointed upward for grasping of Descemet's Membrane. Flat handle. Overall length: 83mm.

AF0291 Stripping Forceps



### **DRESSING FORCEPS**

Item # Description Image

### **Bishop-Harmon Dressing Forceps**

Straight shafts, 0.6mm cross-serrated tips. Flat, 3-hole handle. Overall length: 82mm.

AF2100 Bishop-Harmon Dressing Forceps



### **Dressing Forceps**

Straight and curved shafts, Ilmm serrated tips. Flat handle. Overall length: 98mm.

AF2110 Dressing Forceps, Curved

Heavy, slightly curved shafts.

AF2120 Dressing Forceps, Curved

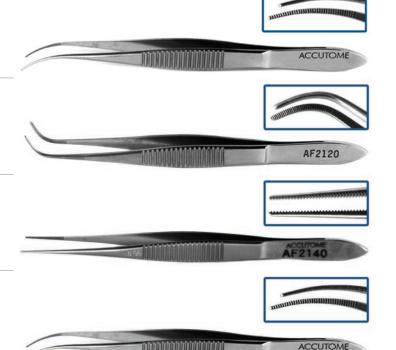
Delicate, strong curved shafts.

AF2140 **Dressing Forceps, Straight** 

Delicate, straight shafts.

AF2I30 Dressing Forceps, Curved

Delicate, slightly curved shafts.



### **DRESSING FORCEPS**

Description	Image	
Dressing Forceps, Straight		
Heavy, straight shafts.		***************************************
		AF2150
	Dressing Forceps, Straight	Dressing Forceps, Straight

### **FEMTOSECOND FORCEPS**

Item # Description Image

### Femto LRI Enhancement Forceps

Cross-action handle with I.Omm paddles designed to open femtosecond cataract incisions.

AF6178 Femto LRI Enhancement Forceps



### **FIXATION FORCEPS**

Item # Description Image

### **Castroviejo Fixation Forceps**

Straight shafts, 0.3mm l x 2 teeth, without platforms, wide serrated flat handle. Overall length: lllmm.

AF2320 Castroviejo Fixation Forceps



### **Fechtner Conjunctiva Forceps**

Straight shafts, delicate ring tips with tying platform. Flat, 3-hole handle. Overall length: 101mm.

AFIII5 Fechtner Conjunctiva Forceps



### **FIXATION FORCEPS**

### Item# Description Image

### **Graefe Fixation Forceps**

Straight shafts, jaws with fine teeth. Flat handle. Overall length: Illmm.

Otraigine oriai	to, jawo with thio toothi i lat harialor o voi ali longiti illimin	
AF2360	4.5mm Graefe Fixation Forceps	
	4.5mm wide jaws.	
AF2370	3.5mm Graefe Fixation Forceps	AF2380
	3.5mm wide jaws.	AF2380
AF2380	4.5mm Graefe Fixation Forceps	
	4.5mm wide jaws, fine teeth with lock.	

### **Green Fixation Forceps**

Straight shafts, 10mm wide jaws with teeth. Flat handle. Overall length: 98mm.

AF2395 Green Fixation Forceps



### **Kremer Corneal Fixation Forceps**

Angled shafts, U-shaped double 0.12mm l x 2 teeth, separated 13.0mm, with lock. Flat handle. Overall length: 105mm.

AF2400 Kremer Corneal Fixation Forceps



### **Lester Fixation Forceps**

Straight shafts, fine 2 x 3 teeth set at 90 degrees, flat handle. Overall length: 95mm.

AF2440 Lester Fixation Forceps



### **McGregor Conjuntiva Forceps**

Straight shafts, 6mm tying platform. Flat handle: Overall length: 108 mm.

AF6950 McGregor Conjunctiva Forceps



### **FIXATION FORCEPS**

Item # Description Image

### **Moody Fixation Forceps**

Curved, 0.5mm 1 x 2 teeth, with lock. Flat handle. Overall length: 86mm.

AF2450	Fixation Forceps, Left	
	Curved left.	
AF2451	AF245I Fixation Forceps, Right	
	Curved right.	



### **Osher Fixation Forceps**

0.12mm Elschnig 1 x 2 teeth, delicate tying platform, wide serrated flat handle. Overall length: 105mm.

AF0600 Osher Fixation Forceps



### **Thorpe Conjuntiva Forceps**

Straight shafts, 2 x 3 teeth set at 90 degrees and tying platform. Flat handle: Overall length: 94mm.

AF2540 Thorpe Conjuntiva Forceps



### **HEMOSTATIC FORCEPS**

Item # Description Image

### **Hemostatic Forceps**

Stainless steel hemostatic forceps that are available with both straight and curved serrated jaws. All handles have a racket lock with ring handles and dull finish.

AF4I00 Curved Hemostatic Forceps
Curved, 22mm serrated jaws. Overall length: 99mm.



AF4110 Straight Hemostatic Forceps

Straight, 22mm serrated jaws. Overall length: 127mm.

### **HEMOSTATIC FORCEPS**

Item #	Description	Image
AF4120	Curved Hemostatic Forceps Curved, 20mm serrated jaws. Overall length: 99mm.	
AF4l30	Striaght Hemostatic Forceps	
AI 4100	-	CALLES TO THE CA
	Straight, 20mm serrated jaws. Overall length: 99mm.	THE

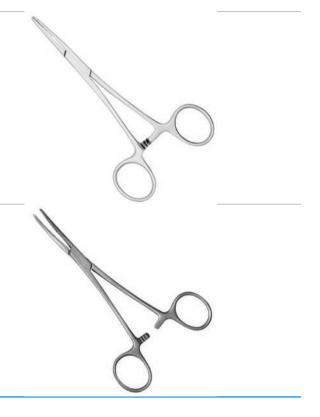
### **Kelly Hemostatic Forceps**

Straight and curved shafts with serrated jaws. Ring handle. Overall length: 140mm.

AF0700 Kelly Forceps, Straight

Straight shafts.





### **Sponge Forceps**

Straight shafts, serrated jaws. Ring handle. Overall length: 178mm.

AF9075 Sponge Forceps



### **IOL FORCEPS**

Item # Description Image

### **Accutome Folding Forceps**

Angled, cross-action shafts. Cradle jaws. Flat handle. Overall length: 97mm.

AF2405 Accutome Folding Forceps



### **Faulkner Lens Holding Forceps**

Angled shafts, round smooth polished jaws. Flat, 3-hole handle. Overall length: 114mm.

AF3150 Faulkner Lens Holding Forceps



### Haberle-McPherson Lens Holding Forceps

Angled shafts, 7.5mm smooth jaws with diagnonal grove in tip. Flat, 3-hole handle.

AF3480 Haberle-McPherson Lens Holding Forceps



### **Implant Removal Forceps**

Angled, cross-action, thin shafts. Tooth in top jaw with grooves in bottom jaw. Designed to grasp the lens optic or lens segment to efficiently remove from the anterior chamber. Overall length: 120mm.

AF3305 Implant Removal Forceps



### **IOL Lens Loading Forceps**

Designed for loading AcrySoft IOL into Monarch II and III Cartridges.

AF8000 IOL Lens Loading Forceps



### **IOL FORCEPS**

Item # Description Image

### **Accutome IOL Lens Loading Forceps**

Straight shafts, with smooth, flat jaws. Flat handle.

AF3345 Accutome IOL Lens Loading Forceps



### **Livernois IOL Folding Forceps**

Angled shafts, concave jaw surface. Flat, 3-hole handle.

AF3225 Livernois IOL Folding Forceps



### **Livernois IOL Holding Forceps**

Livernois IOL Holding Forceps are available in both angled and straight shafts. Rounded jaws that are to be used on soft IOLs. Flat, 3-hole handle. Overall length: 108mm.

AF3230 IOL Forceps, Angled

Angled shafts.



AF3240 IOL Forceps, Straight

Straight shafts.



### **Steinert Folding Forceps**

Angled shafts. Flat handle. Overall length: 108mm.

AF3390 Steinert Folding Forceps



### **IOL FORCEPS**

### Item # Description Image

### Universal II IOL Insertion Forceps

Titanium. Cross-action shafts for small incision insertion of second generation foldable IOLs, petite tips, with lock. For thin silicone IOLs.

AF3360 Universal II IOL Insertion Forceps



### Universal III IOL Insertion Forceps

Titanium. Cross-action shafts for small incision insertion of third generation foldable IOLs, petite tips, with lock. For thin acrylic IOLs.

AF3370 Universal III IOL Insertion Forceps



### **JEWELER FORCEPS**

Item #	Description	Image
Jeweler Force	eps	
Straight, angl	ed, and curved shafts with fine pointed tips. Smooth handle with du	ıll finish.
AF3700	Jewelers Type Forceps #1	
	Straight shafts with fine pointed tips. Overall length: I20mm.	
		ACCUTOME USA CE AF3700 C
AF3705	Jewelers Type Forceps #2	
	Straight shafts with strong, fine pointed tips. Overall length: 120mm.	
		ACCUTOME USA CE AF3705 C
AF3710	Jewelers Type Forceps #3	
	Straight shafts with extra fine pointed tips. Overall length: 120mm.	
		ACCUTOME USA CE AF3710 C
AF3720	Jewelers Type Forceps #3-C	
	Straight shafts with extra fine pointed tips. Overall length: $110\mathrm{mm}$ .	
		ACCUTOMEDIA CR. APSTZB C

### **JEWELER FORCEPS**

Item #	Description	Image
AF3730	Jewelers Type Forceps #4	
	Straight and narrow shafts with extra fine pointed tips. Overall length: 110mm.	
		ACCUTOMEUSIA CE AFATNO C
AF3740	Jewelers Type Forceps #5/45	
	Angled shafts with extra fine pointed tips. Overall length: 120mm.	
		ACCUTOME USA CE AF3740 C
AF3750	Jewelers Type Forceps #5	
	Straight, narrow shafts with extra fine pointed tips. Overall length: 120mm.	
		ACCUTOMBUSA CE APITES C
AF3760	Jewelers Type Forceps #7	
	Curved shafts with extra fine pointed tips. Overall length: lllmm.	
		ACCUTOME USA CE AF3760 C

### **Suture Removal Forceps**

Slightly angled shafts, very fine pointed tips with textured jaws. Smooth, flat handle with dull finish. For wet suture removal. Overall length: 120mm.

AF3775 Suture Removal Forceps



### Jewler's Type Utility and Splinter Forceps

Short pointed jaws, flat handle. Overall length: 92mm.

AF3765 Utility and Splinter Forceps



### **LASIK FORCEPS**

Item # Description Image

### **Buratto LASIK Flap Forceps**

Angled and curved shafts with various tip styles.

AF3355TI Titanium Buratto LASIK Flap Forceps

Titanium. Angled shafts, curved inward tips, 8mm from bend to tip, 0.5mm blunt round tips. Flat handle. Overall length:

104mm.

AF3600 Stainless Steel Buratto LASIK Flap Forceps

Curved shafts, 0.8mm very delicate disc-shaped tip with serrated jaws. Flat, 3-hole handle. Overall length: 102mm.



### **MUSCLE FORCEPS**

Item# Description Image

### **Berke Ptosis Forceps**

Berke Ptosis Forceps have a curved tip with straight, longitudinal serrated blades. Flat, serrated handle with slide lock. Available in 20mm or 27mm jaw length.

AF4320 Ptosis Forceps, 20mm

20mm jaw length. Overall length: 98mm.

AF4310 Ptosis Forceps, 27mm

27mm jaw length. Overall length: 104mm.



### **Putterman Muscle Forceps**

Titanium. Three pins and holes on each 22mm paddle. Overall length: 95mm.

AF9050TI Putterman Muscle Forceps



### **Troutman Superior Rectus Forceps**

Angled shafts bent 10mm from tip. 1 x 2 teeth. Wide serrated handle. Overall length: 108mm.

AF4400 Troutman Superior Rectus Forceps



### **PRE-CHOPPER FORCEPS**

Item # Description Image

### Akahoshi PreChop Forceps

Akahoshi PreChop forceps with straight and angled shafts used for nucleus fragmentation. Cross-action jaws open 3mm wide, extra-pointed tip. Round handle. Overall length: 120mm.

AF7600 PreChop Forceps, Straight

Straight shafts.

AF7600

AF7610 PreChop Forceps, Angled

Angled shafts.



AF7640TI PreChop Forceps, Straight

Titanium. Straight shafts.



### D&K Salvitti Akahoshi PreChopping Forceps

Straight shafts, reverse cross action. Fits through a 1.7mm incision and spreads 2.5mm wide. Round handle. Overall length: 124mm.

AF7635 Salvitti Akahoshi Forceps



### **Dodick Nucleus Cracker**

 $Curved\ shafts,\ serrated\ paddles\ for\ cracking\ nucleus\ through\ 3mm\ incision.\ Flat,\ 3-hole,\ cross-action\ handle.\ Overall\ length:\ 108mm.$ 

AF3175 Dodick Nucleus Cracker



### **Ernest Nucleus Cracker**

 $Angled, cross-action\ shafts,\ serrated\ paddle-shaped\ jaws.\ For\ use\ through\ a\ sub\ 2mm\ incision.\ Flat\ handle.\ Overall\ length:\ 108mm.$ 

AF3I45TI Ernest Nucleus Cracker



### **PRE-CHOPPER FORCEPS**

Item # Description Image

### Salz Nucleus Splitter

Titanium. Vaulted shafts. Flat handle. Overall length: 76mm.

AF3177TI Salz Nucleus Splitter



### **RETINAL FORCEPS**

Item # Description Image

### **Scieral Plug Forceps**

Curved shafts, cross-action handle. Designed for insertion and removal of plugs. Overall length: 104mm.

AF5300 Scieral Plug Forceps



### **SUTURING FORCEPS**

Item # Description Image

### **Bonn Suturing Forceps**

Straight shafts, 0.12mm l x 2 teeth set at 90 degrees, 5mm tying platforms. Narrow, flat handle.

AF5100 Short Suturing Forceps

Short flat handle. Overall length: 74mm.

AF5110 Long Suturing Forceps

Long flat handle. Overall length: 95mm.

AF5110TI Long Suturing Forceps

Titanium. Long flat handle. Overall length: 95mm.



### **SUTURING FORCEPS**

Item #	Description	Image
Castroviejo Su	uturing Forceps	
Castroviejo Su vary in tip size	turing Forceps are available in both titanium and stainless steel opt and tying platform size. Overall length: 108mm.	ions with the choice of either straight or angled shafts. Tips have 1 $\times$ 2 t
AF5200	Suturing Forceps, 0.3mm	7
	Straight shafts, 0.3mm l x 2 teeth, 5.5mm tying platform. Wide serrated handle.	
		AF52
AF5200TI	Titanium Suturing Forceps, 0.3mm	-
	Titanium. Straight shafts, 0.3mm l x 2 teeth, 5.5mm tying platform. Wide serrated handle.	
		M-520
AF5170	Suturing Forceps, 0.5mm	
	Straight shafts, 0.5mm1 x 2 teeth, 5.5mm tying platform. Wide serrated handle.	
AF5140	Suturing Forceps, 0.5mm	
	Angled shafts, 0.5mm l x 2 teeth, 6mm tying platform. Wide serrated handle.	
AF5170TI	Titanium Suturing Forceps, 0.5mm	
	Titanium. Straight shafts, 0.5mm l x 2 teeth, 5.5mm tying platform. Wide serrated handle.	
AFE140	Cuturing Foreign 0.0mm	
AF5160	<b>Suturing Forceps, 0.9mm</b> Straight shafts, 0.9mm1 x 2 teeth, 5.5mm tying platform.	•
	Wide serrated handle.	
AF5150	Suturing Forceps, 0.12mm	7
	Straight shafts, 0.12mm l x 2 teeth, 5mm tying platform. Wide serrated handle.	
		AF
AF5180	Suturing Forceps, 0.12mm	
	Straight shafts, 0.12mm l x 2 teeth, 5.5mm tying platform. Wide serrated handle.	
		AF51

### **SUTURING FORCEPS**

Item #	Description	Image
AF5180K	Suturing Forceps, 0.12mm	
	Straight shafts, 0.12mm l x 2 teeth, 5.5mm tying platform. Wide, 3-hole handle.	
		5 5 6 AF5180K C
AF5180TI	Titanium Suturing Forceps, 0.12mm	
	Titanium. Straight shafts, 0.12mm l x 2 teeth, 5.5mm tying platform. Wide serrated handle.	
		#53080m @g
AF5190	Suturing Forceps, 1.5mm	
	Straight shafts, 1.5mm l x 2 teeth, 5.5mm tying platform. Wide serrated handle.	
		AF5130A

### Fine-Castroviejo Suturing Forceps

 $Straight\ shafts,\ 0.22mm\ l\ x\ 2\ teeth,\ 6mm\ tying\ platform,\ narrow\ flat\ handle.\ Overall\ length:\ lllmm.$ 

AF5210 Fine-Castroviejo Suturing Forceps



### Kelman-McPherson Suturing Forceps

45-degree angled shafts, 1 x 2 teeth. Flat handle. Overall length: 86mm.

AF5225	5mm Kelman-McPherson Forceps		
	5mm tying platform.		"
		**************************************	
			AF5225
AF5220	8mm Kelman-McPherson Forceps		
	8mm tying platform.		
		/ AF5220	Staintess Germany

### **SUTURING FORCEPS**

Item # Description Image

### Manhattan Eye and Ear Suturing Forceps

Straight shafts, 1 x 2 teeth with 6mm tying platform. Flat handle. Overall length: 86mm.

AF5240 Manhattan Eye and Ear Suturing Forceps



### O'Gawa Suture Fixation Forceps

O'Gawa Suture Fixation Forceps have straight shafts, round handles, and are available in stainless steel. Tips are available in various sizes and have 1 x 2 teeth with a 5.5mm tying platform.

AF2520 **0.13mm Fixation Forceps** 

0.13mm l x 2 teeth. Overall length: 86mm.



AF2510 0.3mm Fixation Forceps

0.3mm l x 2 teeth. Overall length: Illmm.



### **Paufique Suturing Forceps**

Straight shafts, 1 x 2 teeth, 6mm tying platform, wide serrated handle. Overall length: 86mm.

AF5270 Paufique Suturing Forceps



### Stern-Castroviejo Suturing Forceps

Straight shafts, 0.5mm l x 2 teeth, 6mm tying platform, wide flat handle with lock. Overall length: Illmm.

AF5290 Stern-Castroviejo Suturing Forceps



### **TISSUE FORCEPS**

 Item #
 Description
 Image

 Adson Tissue Forceps

 Straight shafts, delicate teeth. Flat handle.

 AF6/35
 0.5mm Adson Tissue Forceps

O.5mm Adson Tissue Forceps
Extra delicate, 1 x 2, 0.5mm teeth. Overall length: 120mm.

ACCUTOME AF6135

AF6l37 **0.5mm Adson Tissue Forceps**Delicate, 2 x 3, 0.5mm teeth. Overall length: l25mm.



**1.5mm Adson Tissue Forceps**Delicate, 1 x 2, 1.5mm teeth. Overall length: 120mm.



### **Bishop-Harmon Tissue Forceps**

AF6136

Straight shafts with teeth or serrated tips. Flat, 3-hole handle. Overall length: 89mm.

Ü	•	
AF6100	0.3mm Bishop-Harman Forceps	
	0.3mm l x 2 teeth.	
AF6101	0.5mm Bishop-Harman Forceps	1x2Teeth Cross Serrated Tips
	0.5mm l x 2 teeth.	1800
AF2105	0.8mm Bishop-Harman Forceps	AF2105 C
	0.8mm cross serrated tips.	
AF6110	0.8mm Bishop-Harman Forceps	
	0.8mm l x 2 teeth.	

### **Hoskins Tissue Forceps**

Straight shafts, micro-groove tips. Flat, fenestrated handle. Overall length: 83mm.

AF1400	Hoskins Forceps #19	
	Micro-groove tips.	
AF1403	Hoskins Forceps #28	
	Delicate micro-groove tips.	200000000

### **TISSUE FORCEPS**

Item #	Description	Image
Tissue Force	ps	
Straight shaf	ts, 1 x 2 teeth. Flat handle. Overall length: 98mm.	
AF6130	Delicate Tissue Forceps	
	Delicate 1 x 2 teeth.	
AF6140	Heavy Tissue Forceps	AF6140
	Heavy 1 x 2 teeth.	

### **TYING FORCEPS**

Item #	Description	Image

### **Bechert-McPherson Angled Tying Forceps**

Angled shafts, 10mm tying platform. Narrow serrated handle. Overall length: 86mm.

AF6300	Stainless Steel Tying Forceps	
	Stainless steel.	
AF6300TI	Titanium Tying Forceps	
	Titanium.	AF6300 C€

### Castroviejo Tying Forceps

Straight shafts, 5mm tying platform. Flat, wide handle. Overall length: 109mm.

AF6455 Castroviejo Tying Forceps



### Fine Tying Forceps

Curved shafts and tips, smooth, delicate jaws, tying platform tips. Wide serrated handle. Overall length: 108mm.

AF6330 Curved Fine Tying Forceps



Item # Description Image

### **Gerl Tying Forceps**

Curved shafts with smooth jaws and 6mm tying platform. Flat handle. Overall length: 86mm.

AF6580 Gerl Tying Forceps

### **Girard Fine Tying Forceps**

Straight shafts, ultra-fine 0.5mm tying platform. Round handle. Overall length: 100mm.

AF635I Girard Fine Tying Forceps



### **Harms-Tuebingen Tying Forceps**

Straight and curved shafts, smooth jaws. Narrow, flat handle. Overall length: 101mm.

AF6370 Harms-Tuebingen Tying Forceps, Straight

Straight shafts, 6mm tying platform.

AF6360 Harms-Tuebingen Tying Forceps, Curved

Curved shafts, 7mm tying platform.



### **Jaffe Tying Forceps**

Very delicate, curved, smooth jaws, 6.0mm tying platform. Flat, 3-hole handle. Overall length: 101mm.

AF6380 Jaffe Tying Forceps



Item # Description Image Kelman-McPherson Tying Forceps Angled shafts. Flat handle. Overall length: 86mm. AF6400 S 5mm Tying Forceps 5mm bend from tip, 5mm tying platform. Flat handle. AF6400 7.5mm Tying Forceps 8mm bend from tip, 7.5mm tying platform. Flat, 3-hole handle. AF6404 7.5mm Tying Forceps 8mm bend from tip, 7.5mm tying platform. Narrow, flat handle. AF6400TI 7.5mm Tying Forceps Titanium. 8mm bend from tip, 7.5mm tying platform. Narrow, flat handle. **McPherson Tying Forceps** Straight and angled shafts. Flat handle. AF6410 McPherson Tying Forceps, Angled Angled shafts, 5mm bend from tip, 5mm tying platform. Flat, 3-hole handle. Overall length: 98mm. AF6410A AF6410S McPherson Tying Forceps, Angled Angled shafts, 5mm bend from tip, 5mm tying platform. Flat serrated handle. Overall length: 98mm. AF6410S AF6410TI McPherson Tying Forceps, Angled Titanium. Angled shafts, 5mm bend from tip, 5mm tying platform. Flat serrated handle. Overall length: 98mm. AF641011 C

tem #	Description	Image							
AF6420	McPherson Tying Forceps, Straight								
	Straight shafts, 5mm tying platform. Flat, 3-hole handle. Overall length: 101mm.								
				38	399	388	399	S S S AF6420	S S S AF6420 C
AF6420TI	McPherson Tying Forceps, Straight	_							
	Titanium. 4mm tying platform. Flat handle. Overall length: 86mm.								
				0000000	<u>්දීරදීරදීරදී</u>	0.0000000000000000000000000000000000000	<u>•8•8•8•8•8•8</u>	08080808080	08080808080
AF6424	McPherson Tying Forceps, Straight	_							
	Straight shafts, 5mm tying platform. Flat serrated handle. Overall length: I01mm.								
			-						(e)
AF6421	McPherson Tying Forceps, Straight	_							
	Straight shafts, 5mm tying platform. Flat, narrow, serrated handle. Overall length: 86mm.								
							ACC	ACCUTOL AF 642	ACCUTOME

### O'Gawa Tying Forceps

Curved shafts, 5.5mm tying platform, 0.3mm gap at platform heel. Round, knurled handle. Overall length: 108mm.

AF6430 Curved Tying Forceps



### O'Gawa-Castroviejo Tying Forceps

Straight shafts, 6mm tying platform tips. Wide serrated handle. Overall length: lllmm.

AF6450 Straight Tying Forceps



Item # Description Image **Sheets-McPherson Tying Forceps** 45-degree angled shafts, I0.5mm tying platform. Serrated criss-cross tips. Flat handle. Overall length: 86mm. AF6470 **Sheets-McPherson Tying Forceps Tennant Tying Forceps** Tennant Tying Forceps with both straight and curved shafts. Delicate and extra delicate tips with 6mm tying platform. Round handle with guide pin. AF6350 Tennant Tying Forceps, Straight Straight shafts, extra delicate. Overall length: 101mm. AF6350TI Tennant Tying Forceps, Straight Titanium. Straight shafts, extra delicate. Overall length: 101mm. AF6355 **Tennant Tying Forceps, Curved** Curved shafts, delicate. Overall length: 98mm. AF6355T **Tennant Tying Forceps, Curved** Titanium. Curved shafts, delicate. Overall length: 110mm. AF6530 Tennant Tying Forceps, Curved Curved shafts, extra delicate. Overall length: 98mm. ACCUTOME USA CE

### **UTILITY FORCEPS**

Item # Description Image

### **Alabama University Utility Forceps**

Straight shafts, fitted V-groove jaws. Flat handle. Overall length: 92mm.

AF6700 Alabama University Utility Forceps



### **Bonaccolto Utility Forceps**

Straight shafts, with serrated tips. Flat, narrow handle. Overall length: Illmm.

AF6720	1.2 Utility Forceps	
	1.2 x 16mm jaws.	######
AF6710	1.7 Utility Forceps	
	1.7 x 17mm jaws.	ACCUTOME ACCUTOME
AF6730	2.4 Utility Forceps	AF6710
	2.4 x 16mm jaws.	

### **Gill Iris Forceps**

Curved shafts, delicate, cross-serrated jaws, flat handle. Overall length: 70mm.

AF3540 Gill Iris Forceps



### **Kennerdell Bayonet Forceps**

Bayonet shafts with 17mm serrated tips, 83mm bend from tip. No teeth. Overall length: 160mm.

AF6930 Kennerdell Bayonet Forceps



### **Nugent Utility Forceps**

Nugent stainless steel utility forceps have angled shafts with 45-degree angled jaws. Jaws are available in both serrated and smooth and are 10mm long. Flat, narrow handle. Overall length: 108mm.

AF6760 Serrated Utility Forceps

Serrated tips.



### **UTILITY FORCEPS**

### Item # Description Image AF6770 Smooth Utility Forceps Smooth tips. AF6770

### **Wills Hospital Utility Forceps**

Straight shafts with 13mm long criss-cross serrated tips, narrow handle. Overall length: 11lmm.

AF6780 Wills Hospital Utility Forceps



### **CLAMPS**

Item #	Description	Image
Clamp		
Various brand	ds of towel clamps with different types of tips and handles.	
AF6900	Baby Jones Towel Clamp	
	Curved shafts, sharp pointed tips. 2 1/2" cross-action flat handle. Overall length: 55mm.	AF6900
 AF6910	Long Towel Clamp Forceps	711 000
	Curved shafts, sharp pointed tips. Ring handle. Overall length: I33mm.	
AM0560	Serrefine Clamp	
	Straight shafts, stainless steel, 10mm serrated jaws. Flat handle. Overall length: 36mm.	
AF6920	Short Towel Clamp Forceps	
	Curved shafts, sharp pointed tips. Ring handle. Overall length: 89mm.	

## I/A & Bimanual Handpieces

### **DISPOSABLE I/A INSTRUMENTS**

Item # Description Image

### Bimanual I/A System

Single-use bimanual I/A systems are a solution for preventing infection. These products are guaranteed to be sterile and safe from contaminants. Comes two handpieces per pack, one irrigating, one aspiration-handpiece 0.8 mm [21g] with curved cannula, aspiration port 0.35 mm, textured tip for capsule polishing AEROPLANE nose shape. Irrigation-handpiece 0.8 mm [21g] with curved cannula. Sold 10 per box.

AB-9105B	Single Port I/A System		(0 - 10 - 1
	Open ended irrigation port 0.50 mm for active rinsing.	AB-9105B	AB-9110B
AB-9110B	Dual Port I/A System		
	Two irrigation ports 0.45 mm.		

### Mono-Manual I/A System

This range of coaxial I/A systems features straight and angled versions at 30 degrees, 45 degrees, and 65 degrees. All models are available as 19g, 20g, 21g, and 23g versions for incisions of 2.8mm to 1.8 mm. The textured aspiration tips can be used for selective polishing of the posterior capsule. Sold 10 per box.

### AB-9170P I/A Handpiece, 1.8mm Aspiration cannula angled 45 degrees, for incisions of 1.8mm, polished aspiration head. AB-9175P I/A Handpiece, 1.8mm Aspiration cannula curved, for incisions of 1.8mm, polished aspiration head.

### AB-9155P I/A Handpiece, 2.2mm

Aspiration cannula angled 45 degrees, for incisions of 2.2mm, polished aspiration head.



### AB-9160P I/A Handpiece, 2.2mm

Aspiration cannula curved, for incisions of 2.2mm, polished aspiration head.



### AB-9115 I/A Handpiece, 2.5mm

Aspiration cannula straight, for incisions of 2.5mm, textured aspiration head.



### AB-9125P I/A Handpiece, 2.5mm

Aspiration cannula angled 45 degrees, for incisions of 2.5mm, polished aspiration head.



### **DISPOSABLE I/A INSTRUMENTS**

Item #	Description	Image
AB-9135	I/A Handpiece, 2.5mm	
	Aspiration cannula angled 65 degrees, for incisions of 2.5mm, textured aspiration head.	
AB-9110	I/A Handpiece, 2.8mm	
	Aspiration cannula straight, for incisions of 2.8mm, textured aspiration head.	
AB-9120	I/A Handpiece, 2.8mm	
	Aspiration cannula angled 45 degrees, for incisions of 2.8mm, textured aspiration head.	
 AB-9130	I/A Handnigge 2 9mm	
AD-YIJU	I/A Handpiece, 2.8mm	
	Aspiration cannula angled 65 degrees, for incisions of 2.8mm, textured aspiration head.	

### **REUSABLE I/A INSTRUMENTS**

Item #	Description	Image

### **Bimanual Aspirating Unit**

Reusable Bimanual Aspirating Units come in 21 gauge or 23 gauge cannula tips size options. Each cannula tip has a curved shaft with a single 0.3mm port and closed round tip. Aspirating handle is titanium. Overall length: Illmm.



Item #	Description	Image	
AC7110	Bimanual Aspirating Unit, 23g		
	23 gauge, sandblasted capsule polisher tip.		•

### **Bimanual Aspiration Cannula Tip**

Reusable Bimanual Aspiration Cannula Tips come in 2l gauge or 23 gauge with a curved shaft. This is only the tip not the whole unit. Each tip has a sandblasted capsule polisher tip with a single 0.3mm sideport. Overall length: 2lmm.

AC7430	Bimanual Aspiration Tip, 21g	
	21 gauge.	AC/ASO CALLAND
AC7431	Bimanual Aspiration Tip, 23g	
	23 gauge.	

### **Bimanual Irrigating Unit**

Reusable Bimanual Irrigating Units come in 2l gauge or 23 gauge cannula tips size options. Each cannula tip has a straight or curved shaft and various tip types. Irrigating handle is titanium. Overall length: Illmm.

AC7000	Bimanual Irrigating Unit, 21g	
	2l gauge cannula tip, straight shaft, open ended.	
AC7010	Bimanual Irrigating Unit, 21g	
	2l gauge cannula tip, curved shaft, open ended.	
AC7040	Dimenual hydrating Unit 11g	
AC7040	Bimanual Irrigating Unit, 21g	
	2l gauge cannula tip, straight shaft, 0.5mm dual ports, closed rounded tip.	
		ACCUTOME USA AC7040 C
AC7050	Bimanual Irrigating Unit, 21g	
	2l gauge cannula tip, curved shaft, 0.5mm dual ports, closed rounded tip.	
		ACCUTOMEUSAG ACCORD :
AC7130	Bimanual Irrigating Unit, 23g	
	23 gauge cannula tip, thin wall, curved shaft, 0.4mm dual ports, closed rounded tip.	

Item #	Description	Image
AC7120	Bimanual Irrigating Unit, 23g	
	23 gauge cannula tip, thin wall, straight shaft, 0.4mm dual ports, closed rounded tip.	
		ACCÚTOME USA C ←

### **Bimanual Irrigation Cannula Tip**

Reusable Bimanual Irrigation Cannula Tips come in 21 gauge or 23 gauge with a curved shaft. This is only the tip not the whole unit. Various tip types are available. Overall length: 21mm.



### **Donnenfeld Irrigating Hook**

Designed in conjunction with Eric D. Donnenfeld, M.D., specifically for the placement of Toric IOLs. The stainless steel Donnenfeld Irrigating Hook is 23 gauge and has two irrigating ports that are positioned at the tip of the instrument, which open the capsular bag allowing the surgeon to rotate the Toric IOL. The hook on the bottom of the instrument gently grabs the haptic for rotation.



### I/A Handpiece

Please note that titanium handles are only interchangeable with titanium tips and stainless handles are only interchangeable with stainless tips. Replacement 0-ring sets are also available for both stainless and titanium products. Please note that silicone sleeves are not included with tips.

AC5120 Stainless Steel I/A Handpiece

Male aspiration connector in stainless steel.



### Item # Description **Image** AC5120T Titanium I/A Handpiece Male aspiration connector in titanium.

### I/A Tip

Please note that titanium handles are only interchangeable with titanium tips and stainless handles are only interchangeable with stainless tips. Replacement 0-ring

### sets are also available for both stainless and titanium products. Please note that silicone sleeves are not included with tips. AC5215 Coaxial I/A Tip, Straight Coaxial I/A tip with straight shaft and tip. 0.5mm dual sideport aspiration and l6g irrigation sleeve.

### AC5141T Coaxial I/A Tip, Straight

Titanium, coaxial I/A tip with straight shaft and tip. 0.5mm dual sideport aspiration and 16g irrigation sleeve.



### AC5235T Coaxial I/A Tip, Straight

Titanium, 2lg, coaxial I/A tip with straight shaft and tip. 0.3mm dual sideport aspiration. Made for use with silicone irrigation sleeve (sold separately).



### AC5235 Coaxial I/A Tip, Straight

2lg, coaxial I/A tip with straight shaft and tip. 0.3mm dual sideport aspiration. Made for use with silicone irrigation sleeve (sold separately).



### AC5140 Coaxial I/A Tip, Curved

Coaxial I/A tip with straight shaft and tip. 0.3mm dual sideport aspiration and l6g irrigation sleeve.



### AC5140T Coaxial I/A Tip, Curved

Titanium, coaxial I/A tip with straight shaft and tip. 0.3mm dual sideport aspiration and l6g irrigation sleeve.



### AC5150 Coaxial I/A Tip, Curved

Coaxial I/A tip with curved shaft and straight tip. 0.3mm dual sideport aspiration and 16g irrigation sleeve.



Item #	Description	Image
AC5150T	Coaxial I/A Tip, Curved	_
	Titanium, coaxial I/A tip with curved shaft and straight tip. 0.3mm dual sideport aspiration and l6g irrigation sleeve.	ACS1 SOTIC
AC5151	Coaxial I/A Tip, Curved	
	Coaxial I/A tip with curved shaft and straight tip. 0.5mm dual sideport aspiration and lóg irrigation sleeve.	ACSIST C
AC5I5IT	Coaxial I/A Tip, Curved	
	Titanium, coaxial I/A tip with curved shaft and straight tip. 0.5mm dual sideport aspiration and l6g irrigation sleeve.	ACS1 SITE
AC5245	Coaxial I/A Tip, Curved	-
	2lg coaxial I/A tip with curved shaft and tip. 0.3mm dual sideport aspiration. Made for use with silicone irrigation sleeve (sold separately).	
AC5245T	Coaxial I/A Tip, Curved	_
	Titanium, 2lg, coaxial I/A tip with curved shaft and tip. 0.3mm dual sideport aspiration. Made for use with silicone irrigation sleeve (sold separately).	ACCE TO THE PARTY OF THE PARTY
AC5160	Coaxial I/A Tip, 45 degrees	
	Coaxial I/A tip with straight shaft and 45-degree angled tip. 0.3mm dual sideport aspiration and l6g irrigation sleeve.	AC5160 C
AC5160T	Coaxial I/A Tip, 45 degrees	
	Titanium, coaxial I/A tip with straight shaft and 45-degree angled tip. 0.3mm dual sideport aspiration and l6g irrigation sleeve.	ACSIGN OT C
AC5220	Coaxial I/A Tip, 45 degrees	
	2lg, coaxial I/A tip with straight shaft and 45-degree angled tip. 0.3mm dual sideport aspiration. Made for use with silicone irrigation sleeve (sold separately).	The state of the s

Item #	Description	Image
AC5220T	Coaxial I/A Tip, 45 degrees	
	Titanium, 21g, coaxial I/A tip with straight shaft and 45-degree angled tip. 0.3mm dual sideport aspiration. Made for use with silicone irrigation sleeve (sold separately).	ACS2 2011 G
AC5170	Coaxial I/A Tip, 90 degrees	_
	Coaxial I/A tip with straight shaft and 90-degree curved tip. 0.3mm dual sideport aspiration and l6g irrigation sleeve.	AC5170 C
AC5170T	Coaxial I/A Tip, 90 degrees	
	Titanium, coaxial I/A tip with straight shaft and 90-degree curved tip. 0.3mm dual sideport aspiration and l6g irrigation sleeve.	ACS1 70TC
AC5180	Coaxial I/A Tip, 150 degrees	_
	Coaxial I/A tip with straight shaft and 150-degree curved tip. 0.3mm dual sideport aspiration and l6g irrigation sleeve.	AC5180 C
AC5180T	Coaxial I/A Tip, 150 degrees	
	Titanium, coaxial I/A tip with straight shaft and 150-degree curved tip. 0.3mm dual sideport aspiration and 16g irrigation sleeve.	ACS1 BUTC

# **Knife Handles**

### **BARD-PARKER KNIFE HANDLES**

Item # Description Image

### **Bard-Parker Knife Handle**

Knife handle compatible with 10, 11, 12, and 15 style blades. Flat handle.

AH2505 Bard-Parker Knife, #3 Handle

Ruler markings. Overall length: 124mm.



AH2506 Bard-Parker Knife, #7 Handle

Overall length: 165mm.



AH2510 Bard-Parker Knife, #9 Handle

Overall length: 116mm.



### **BEAVER CHUCK KNIFE HANDLES**

Item# Description Image

**Beaver Chuck Knife Handle** 

Collet tip, compatible with 50, 60, and 70 series blades. Round handle. Overall length: 102mm.

AH2515 Beaver Chuck Knife, #3 Handle







### **REUSABLE KNIVES**

Item # Description Image

**Gill Corneal Knife** 

Straight shaft, 3mm x 18mm smooth blade. Flat handle. Overall length: 119mm.

AH2540 Gill Corneal Knife

### **Martinez Double-Ended Corneal Dissector Knife**

Double-ended, angled shafts, Ilmm from bend to tip, 3mm wide sharp blades. Flat handle. Overall length: 127mm.

AH2595 Martinez Double-Ended Corneal Knife



### **Tooke Corneal Knife**

Straight shaft, 3mm x 18mm smooth blade. Flat handle. Overall length: 119mm.

AH2580 Tooke Corneal Knife



# **Lacrimal Instruments**

### **LACRIMAL PROBES**

Item #	Description	Image
Bowman Lac	crimal Probe Set	
Set of six sta	sinless steel probes. Double-ended. Overall length: 149mm.	
AL1375	Bowman Lacrimal Probe Set	
		_
Bowman Lac	crimal Probe	
Variaty of siz	es. Sterling silver. Overall length: 149mm.	
AL1330	Bowman Lacrimal Probe Sizes 0000 and 000	
7 Elouo	Sizes: 0000 and 000.	
		SS ACCUTCAGE STATES
AL1320	Bowman Lacrimal Probe Sizes 00 and 0	<u> </u>
	Sizes: 00 and 0.	
		OS ACCITOMS O
		~
AL1340	Bowman Lacrimal Probe Sizes 1 and 2	
	Sizes: I and 2.	-
AL1350	Bowman Lacrimal Probe Sizes 3 and 4	
	Sizes: 3 and 4.	
ALI360	Bowman Lacrimal Probe Sizes 5 and 6	
	Sizes: 5 and 6.	
		Acceptant

### **LACRIMAL PROBES**

### Item # Description Image ALI370 Bowman Lacrimal Probe Sizes 7 and 8 Sizes: 7 and 8.

### **Catalano Intubation Probe Set**

Set of two, 0.7mm diameter probes attached to 30.5cm long silicone tubing, 0.012" I.D., 0.025" O.D.

ALI530 Catalano Intubation Set

### **Pigtail Probe**

Stainless steel, double-ended, straight shafts with pigtail curved probes on both ends, 8mm blunt probe tips with suture eye holes. Round handle. Overall length: 143mm.

AL1420

**Pigtail Probe** 

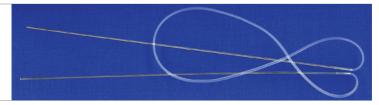




### **Jackson Lacrimal Intubation Set**

2 blunt 0.9mm diameter probes, attached to 30.5cm long silicone tubing, 0.012" I.D., 0.025" O.D.

ALI400 Jackson Lacrimal Intubation Set



### **LACRIMAL DILATORS**

Item #	Description	Image	
Castroviejo [	Castroviejo Double-Ended Lacrimal Dilator		
One needle-p	One needle-point end and one medium-taper end, round, knurled handle. Overall length: 140mm.		
AL1380	Castroviejo Lacrimal Dilator		

### **LACRIMAL DILATORS**

Item # Description Image **Hosford Double-Ended Lacrimal Dilator** 2.0mm tapered end, gradually taped other end, rounded handle. Overall length 140mm. AL1390 **Hosford Double-Ended Lacrimal Dilator Infant Lacrimal Dilator** Very fine, blunt tip. Round handle. Overall length: 79mm. AL1280 **Infant Lacrimal Dilator** GERMANY STAINLESS RF11 WWW. **Muldoon Lacrimal Dilator** Medium 27mm taper, distal end is straight to act as a guide for the tapered dilator that follows. Round, knurdled handle. Overall length: 98mm. AL1410 **Muldoon Lacrimal Dilator Ruedemann Lacrimal Dilator** Short I2mm taper, needle type. Round handle. Overall length: 73mm. AL1430 **Ruedemann Lacrimal Dilator Wilder Lacrimal Dilator** Long, medium, and short taper, blunt tip, round handle. Overall length: 98mm. AL1440 Wilder Lacrimal Dilator, Long Long 32mm taper. AL1450 Wilder Lacrimal Dilator, Medium Medium 23mm taper. AL1460 Wilder Lacrimal Dilator, Short Short 19mm taper.

# LASEK Instruments

### **LASEK INSTRUMENTS**

Item #	Description	Image
Camellin LAS	SEK Trephine	
Doubled-end	ed. Flat handle. Overall length: 114mm.	
AR0580	8mm Camellin LASEK Trephine	
	8mm LASEK trephine with 8.5mm alcohol well.	
AR0585	9mm Camellin LASEK Trephine	
	9mm LASEK trephine with 9.5mm alcohol well	

### LASEK Alcohol Well

7.5mm to 9.5mm diameter. Round handle.

AR0603	7.5mm LASEK Alcohol Well	
	7.5mm diameter.	
AR0600	8.5mm LASEK Alcohol Well	2
	8.5mm diameter	
AR0602	9.0mm LASEK Alcohol Well	
	9.0mm diameter.	
AR0605	9.5mm LASEK Alcohol Well	
	9.5mm diameter.	



### **LASEK Epithelial Trephine**

8.0mm and 9.5mm diameter. Round handle.

AR0610	8.0mm LASEK Epithelial Trephine	
	8.0mm diameter.	
AR0616	9.5mm LASEK Epithelial Trephine	





### **LENS LOOPS**

Item # Description Image

### Gills-Welsh Lens Loop

Slightly curved loop tip, ultra thin and smooth loop. Flat handle.

AH3110 Gills-Welsh Lens Loop

Straight shaft, 6mm wide x 7mm long loop. Overall length:

135mm.



AH3200 Double-Ended Gills-Welsh Lens Loop

Double-ended. One side has a straight shaft with 5mm wide x 7mm long loop. One side has a curved shaft with olive-shaped tip. Overall length: 12lmm.



### Kansas Lens Loop

Curved shaft, 3.0mm wide-looped tip, serrated. Flat handle. Overall length: 137mm.

AH3130 Kansas Lens Loop



### Keener-Alt Lens Loop

Straight shaft, curved loop tip, serrated loop, 3mm wide loop. Flat handle. Overall length: 137mm.

AH3150 Keener-Alt Lens Loop



### Kirby Intra-Capsular Lens Loop

Straight shaft, 5mm x 10mm, curved, smooth loop tip. Round handle. Overall length: 138mm.

AH3170 Kirby Intra-Capsular Lens Loop





### **LENS LOOPS**

### Item # Description Image

### Lewis Lens Loop

Straight shaft, curved tear-drop-shaped loop. Flat handle. Overall length: 134mm.

AH3180	Lewis Lens Loop, Large	
	Large 5mm x 7mm loop.	
AH3190	Lewis Lens Loop, Small	



### New Orleans Eye and Ear Lens Loop

Straight shaft, curved loop tip, 5mm wide x 10mm long smooth oval loop. Flat handle. Overall length: 142mm.

AH3210 New Orleans Eye and Ear Lens Loop



### Simcoe Double-Ended Nucleus Loop

Double-ended, both ends angled loops, 4mm wide x 20mm long loops, serrations on tops of loops. Round handle. Overall length: 140mm.

AH3220 Simcoe Double-Ended Nucleus Loop



### Wilder Lens Loop

 $Straight\ shaft,\ curved\ tip,\ long\ tear-drop-shaped\ loop,\ serated\ 4mm\ x\ 14mm\ loop.\ Flat\ handle.\ Overall\ length:\ 136mm.$ 

AH3230 Wilder Lens Loop





Item # Description Image

### Anis Needle Holder, Locking

Stainless steel Anis Needle Holders with locking mechanisms come with either a straight or curved extra delicate 8mm jaw pattern. Overall length: 127mm.

AN0120	Anis Needle Holder, Curved	
	Curved shaft.	
AN0140	Anis Needle Holder, Straight	TO TO
	Straight shaft.	

### **Barraquer Needle Holder, Locking**

AN0210	Barraquer Needle Holder, Straight	
	Straight, 9mm delicate jaws with lock. Overall length: 130mm.	
AN0210TI	Barraquer Needle Holder, Straight	
	Titanium. Straight, 9mm delicate jaws with lock. Overall length: 130mm.	
AN0150	Barraquer Needle Holder, Curved	
	Curved, 9mm delicate jaws with lock. Overall length: I30mm.	
AN0510	Barraquer Needle Holder, Curved	
	Curved, 9mm medium jaws with lock. Overall length: 130mm.	
AN0150TI	Barraquer Needle Holder, Curved	
	Titanium, curved, 9mm delicate jaws with lock. Overall length: 133mm.	
AN0160	Barraquer Needle Holder, Curved	
	Curved, 9mm standard jaws with lock. Overall length: 130mm.	

Item #	Description	Image
AN0160TI	Barraquer Needle Holder, Curved	
	Titanium, curved, 9mm medium jaws with lock. Overall length: 130mm.	
		ANDIBO TI
AN0170T	Barraquer Needle Holder, Curved	
	Titanium, curved, 10mm fine jaws with lock. Overall length: 136mm.	
		AMUSTU

### Castroviejo Needle Holder, Locking

Straight and curved laws	with various	inw cizoc and ctule	c Comoc with	a locking machanism
Straight and curved laws	, with various	i iaw sizes anu stvie	S. Comes with	a locking mechanism.

AN0310	Castroviejo Needle Holder, Straight Straight, 9mm fine jaws with lock. Overall length: 139mm.	
	Straight, 711111 line Jaws With lock. Overall length, 13711111.	
		ANO310 Infinitely and the second seco
AN0270	Castroviejo Needle Holder, Straight	
	Straight, 9mm medium jaws with lock. Overall length: 140mm.	
AN0300	Castroviejo Needle Holder, Straight	
	Straight, 10mm medium jaws with lock. Overall length: 136mm.	
AN0300TI	Castroviejo Needle Holder, Straight	ACCUSOME ANOSOO
, 111000011	Titanium. Straight, 10mm medium jaws with lock. Overall length: 136mm.	
AN0290	Castroviejo Needle Holder, Straight	
	Straight, 12mm heavy jaws with lock. Overall length: 136mm.	
		AN0290 CE
AN0280	Castroviejo Needle Holder, Straight	
	Straight, 16mm heavy jaws with lock. Overall length: 149mm.	

Item #	Description	Image
AN0230	Castroviejo Needle Holder, Curved	
	Curved, 9mm fine jaws with lock. Overall length: 139mm.	
		THE STATE OF THE S
AN0240	Castroviejo Needle Holder, Curved	
	Curved, Ilmm medium jaws with lock. Overall Length: 135mm.	
		AN0240
AN0240TI	Castroviejo Needle Holder, Curved	
	Titanium, curved, Ilmm medium jaws with lock. Overall length: I36mm.	
		AN024011 CE
AN0250	Castroviejo Needle Holder, Curved	
	Curved, 12mm standard jaws with lock. Overall length: 136mm.	
		ACCUTOME ANO250

### **Jaffe Needle Holder**

Straight, delicate jaws with lock. Flat, 3-hole handle.

AN0400 **Jaffe Needle Holder** 



### Kalt Needle Holder

Kalt Needle Holders with straight jaws. Available in standard, medium, or heavy jaws with or without serration. Flat, cross-action handle. Overall length: 143mm.

AN0410	Heavy Needle Holder	
	Straight, heavy 12mm serrated jaws with lock.	
AN0430	Medium Needle Holder	25
	Straight, medium 10mm finely serrated jaws with lock.	Yeconom Yeconom
AN0440	Standard Needle Holder	V
	Straight, standard 10mm jaws with lock.	

Item # Description Image

### **McPherson Needle Holder**

McPherson Needle Holders are available in both straight and curved, very delicate Ilmm jaw options. Comes with locking mechanism. Flat, cross-action handle. Overall length: 107mm.

AN0460 Needle Holder, Curved

Strongly curved jaws.



AN0480 **Needle Holder, Straight** 

Straight jaws.



### **Needle Holder, Locking**

Various stainless steel or titanium needle holders with curved or straight shafts. Different jaw sizes and styles are available. Comes with locking mechanism.

AN0500 Needle Holder, Curved

Curved, 6mm extra delicate jaws with lock. Overall length:

120mm.



AN0620 Needle Holder, Curved

Titanium, curved, 9mm delicate jaws with lock. Overall length:

130mm.



AN0540 **Needle Holder, Straight** 

Straight, 6mm extra delicate jaws with lock. Overall length:

120mm.



### **Troutman Needle Holder**

Gently curved, medium 9mm smooth jaws with lock. Round handle with longitudinal serrations. Overall length: 120mm.

AN0600 Troutman Needle Holder



Item # Description Image

### Anis Needle Holder, Non-Locking

Anis Needle Holders without locks come with either straight or curved 8mm delicate jaws. Various jaw styles are available. Overall length: 127mm.

ANOIIO Anis Needle Holder, Curved

Curved jaws.



ANOIIOTI Anis Needle Holder, Curved

Titanium. Curved jaws.



AN0130 Anis Needle Holder, Straight

Straight jaws.



### **Barraquer Needle Holder, Non-Locking**

AN0220

Straight and curved jaws, with various jaw sizes and styles. No locking mechanisms.

ottaight and curved jaws, with various jaw sizes and styles. No locking mechanisms.

Straight, 9mm jaws. Overall length: 133mm.

Barraquer Needle Holder, Straight



AN0180 Barraquer Needle Holder, Curved

Curved, 9mm jaws. Overall length: 130mm.



AN0180TI Barraquer Needle Holder, Curved

Titanium. Curved, 9mm jaws. Overall length: 130mm.



AN0190 Barraquer Needle Holder, Curved

Curved, 9mm jaws. Overall length: 130mm.



Item #	Description	Image
AN0200	Barraquer Needle Holder, Curved	
	Curved, 10mm jaws. Overall length: 130mm.	AN0200
AN0200TI	Dawaguar Naadla Halder Cumud	ANOZU
ANUZUUTI	Barraquer Needle Holder, Curved	
	Titanium. Curved, 10mm jaws. Overall length: 136mm.	
AN0170	Barraquer Needle Holder, Curved	
	Curved, Ilmm jaws. Overall length: 130mm.	
		ACCUTOMBI USA CH AND 170 C
AN0145	Barraquer Needle Holder, Curved	
	Curved, 9mm jaws. Overall length: 95mm.	

### Castroviejo Needle Holder, Non-Locking

Straight and curved medium 10mm jaws. No locking mechanism. Overall length: 136mm.

AN0260	Castroviejo Needle Holder, Curved	
	Curved jaws.	Paditi Carrett
AN0320	Castroviejo Needle Holder, Straight	ACCUTOME ANO260
	Straight jaws.	ANO 520 CE

### **Cohan Needle Holder**

Titanium, curved, 7.5mm fine jaws. No locking mechanism. Overall length: 104mm

AN0350TI Cohan Needle Holder



Item # Description Image

### **McPherson Needle Holder**

McPherson Needle Holders are available in both straight and curved Ilmm jaw options. No locking mechanism. Flat, squueze handle. Overall length: 107mm.

AN0470 Needle Holder, Curved

Strongly curved, very delicate Ilmm jaws.



AN0490 **Needle Holder, Straight** 

Straight, very delicate Ilmm jaws.



### Needle Holder, Non-Locking

Various stainless steel or titanium needle holders with curved or straight shafts. Different jaw sizes and styles are available. No locking mechanism. Flat, squeeze handle.

AN0560 **Needle Holder, Straight** 

Straight, 6mm extra delicate jaws. Overall length: 120mm.



AN0520 Needle Holder, Curved

Curved, 9mm extra delicate jaws. Overall length: 120mm.



AN0625 **Needle Holder, Curved** 

Titanium, curved, 9mm medium jaws. Overall length: 109mm.



### O'Gawa Needle Holder

Curved, 8mm delicate jaws. No locking mechanism. Flat, squeeze handle. Overall length: 130mm.

AN0525 O'Gawa Needle Holder



Item # Description Image

### Osher Needle Holder

Curved, 9mm delicate jaws. No locking mechanism. Flat, squeeze handle. Overall length: 110mm.

AN0700 Osher Needle Holder



### **Troutman Needle Holder**

Gently curved, medium 9mm smooth jaws. No locking mechanism. Round, squeeze handle with longitudinal serrations. Overall length: 120mm.

AN0610 Troutman Needle Holder





### **OPHTHALMIC BURRS**

Item # Description Image

### **Aaron Burr 2**

The Bovie Aaron Burr 2 is ideal for neurogical procedures. Aaron Burr 2 includes one disposable lmm burr tip (AXI3070) for corneal rust ring removal. An AA alkaline battery is included, and it also comes with a foam-lined case.

AXI3929 Aaron Burr 2



### **Aaron Burr 2 Accessories**

The Bovie Aaron Burr 2 is ideal for neurogical procedures. Aaron Burr 2 has various burr accessories that range in tip size.

AX14029	0.5mm Burr Tip		-		
	0.5mm disposable burr tip for use with Bovie AB03, AB04, or equivalent. Sold 10 per box. Overall length: 43mm.	1			0
AX13070	1mm Burr Tip			0	
	I.Omm disposable burr tip for use with Aaron Burr 2 (AXI3929) or equivalent. For corneal rust ring removal. Sold 10 per box. Overall length: 39mm.	AX14029	AX13070	AX14533	AX13930
AX14533	2.5mm Burr Tip				
	2.5mm reusable burr tip for use with Aaron Burr 2 (AXI3929) or equivalent. Sold I per box. Overall length: 105mm.				
AXI3930	5mm Burr Tip				
	5mm reusable diamond burr tip for use with Aaron Burr 2 (AXI3929) or equivalent. Sold I per box. Overall length: 127mm.				

### Algerbrush II

The Algerbrush II has a very low torque motor powered by a single AA battery. The burr in this rotary instrument is used as a "brush" rather than as a drill and the rust ring is thus "brushed" from the cornea or sclera leaving a smooth surface, which heals much faster than with other instruments used for this purpose. Algerbrush II foreign body rust ring remover. Single speed, motorized, AA battery operated handpiece. Comes with tip cover, chuck, and 0.5mm burr. Overall Length: 105mm.

AM0100 Algerbrush II Corneal Rust Remover



### **Algerbrush II Accessories**

Accessories for the Algerbrush II foreign body rust ring remover. This includes various types and sizes of burrs as well as chucks.

AM0105 Algerbrush Chuck

Algerbrush II replacement chuck.



### **OPHTHALMIC BURRS**

Item #	Description	Image
AM0110	Algerbrush 0.5mm Burr	
	Algerbrush II 0.5mm replacement burr, burr only. Overall length: 22mm.	
AM0120	Algerbrush 1.0mm Burr	
	Algerbrush II 1.0mm replacement burr, burr only. Overall length: 22mm.	
AM0125	Algerbrush 2.5mm Ball	
	Algerbrush II 2.5mm replacement round, fine grit, diamond ball, tip only. Overall length: 30mm.	
AM0126	Algerbrush 3.5mm Ball	
	Algerbrush II 3.5mm replacement round, medium grit, diamond ball, tip only. Overall length: 22mm.	
AM0128	Algerbrush 4.0mm Wheel	
	Algerbrush II 4.0mm replacement fine grit, diamond wheel, tip only. Overall length: 44mm.	
AM0127	Algerbrush 5.0mm Wheel	
	Algerbrush II 5.0mm replacement medium grit, diamond wheel, tip only. Overall length: 44mm.	

### **FOREIGN BODY INSTRUMENTS**

Item #	Description	Image	
Ellis Foreign	Body Spud		
Straight shaft	c, curved tip, Imm rounded blade. Flat handle.	Overall length: 117mm.	
AH6500	Ellis Foreign Body Spud		

### **FOREIGN BODY INSTRUMENTS**

Item # Description Image

### **Foreign Body Curette**

Straight shaft, 31mm shaft, 1mm cup tip. Flat handle. Overall length: 127mm.

AH0260 Foreign Body Curette



ACCUIOME CE

### Foreign Body Spud

Straight shaft, lance-shaped tip, gently curved, 2mm tip. Flat handle. Overall length: 120mm.

AH6510 Foreign Body Spud





### Francis Spud

Straight shaft, flag-shaped tip with sharp edge. Flat handle. Overall length: 120mm.

AH6520 Francis Spud





### **Golf Club Spud**

Straight shaft, golf-club-shaped with sharp edge. Flat serrated handle. Overall length: 119mm.

AH6530 Golf Club Spud



### **SCLERAL DEPRESSORS**

Item # Description Image

### Flynn Scieral Depressor

Pediatric size. Straight shaft, lens loop style tip. Flat serrated handle. Overall length: 80mm.

AH0300 Flynn Scieral Depressor



### **Schepens Scleral Depressor**

Large, medium, and small Schepens Scleral Depressors are thimble shaped with 8mm wide depressor tips. Stainless steel with dull finish. Overall length: 43mm.

ALII20	Small Scleral Depressor
	Size 8 small thimble.
ALII00	Medium Scleral Depressor
	Size 10 medium thimble.
ALIIIO	Large Scleral Depressor
	Size 12 large thimble.



### Schocket Double-Ended Scleral Depressor

Stainless steel. Slightly angled shafts, I6mm from bend to tip. T-shaped hammerhead tip on one side and ball-shaped tip on the other. Flat handle, comes with pocket clip. Overall length: 137mm.

AL1130 Schocket Double-Ended Scieral Depressor



## Punches

### **PUNCHES**

Item #	Description	Image
Kelly Desceme	t's Membrane Punch	
Stainless steel 130mm.	Kelly Descement's Membrane Punch produces	round punches without tissue tags. Punches have serrated squeeze action handles. Overall length:
AM0410	0.75mm Membrane Punch	
	Produces an exact 0.75mm round hole.	
AM0410 1.00		ACCUTORS.



### **RETINAL PICKS**

Item #	Description	Image	
Olk Angled R	etinal Pick		
Straight shaf	t, 0.5mm angled tip, squared. Round handle. Overa	length: 125mm.	
AH5290	110-Degree Retinal Pick	6	
	110-degree tip angle.	1	
AH5310	150-Degree Retinal Pick		
	150-degree tip angle.		ACCUTOME



Item # Description Image

### **Aebli Corneal Scissors**

Angled and straight blades and universal standard pattern with blunt tips.

AS0120 Aebli Corneal Scissors, Straight

Straight 19mm blades. Ring handle. Overall length: 92mm.



ASOIIO Aebli Corneal Scissors, Straight

Straight 2lmm blades. Ribbon handle. Overall length: 99mm.



AS0100

Aebli Corneal Scissors, Angled

Angled 21mm blades. Ribbon handle. Overall length: 99mm.



Angled left and right 18mm blades, blunt tips. Flat, squeeze handle. Overall length: 120mm.

AS0310 Aebli Corneal Scissors, Angled Right

Angled right blades.



Image
AS0320

### Manson-Aebli Corneal Scissors

Angled left and right 19mm blades, lower blade 1.5mm longer than upper blade, blunt tips. Flat squeeze handle. Overall length: 120mm.

Corneal Scissors, Angled Right	
Angled right blades.	
Corneal Scissors, Angled Left	
Angled left blades.	AS1105 1111111111111111111111111111111111
	Angled right blades.  Corneal Scissors, Angled Left

### **Azar Corneal Scissors**

Curved l6mm blades, universal medium model, blunt tips, calibration marks at lmm to 6mm. Flat handle. Overall length: l15mm.





### **Barraquer Corneal Section Scissors**

Angled left and right 19 mm blades, 45-degree angle, blunt tips. Flat squeeze handle, locking handle.

ASIII0	Left Section Scissors	
	Angled left blades.	
AS1120	Right Section Scissors	THE RESERVE TO THE RE
	Angled right blades.	hippippippippippippippippippippippippipp
		31110

### Castroviejo Corneal Scissors

AS0150	Castroviejo Corneal Scissors, Miniature
	Curved Ilmm blades, universal miniature model, fine tips. Overall length: 106mm.
AS0180	Castroviejo Corneal Scissors, Miniature Curved left Ilmm blades, miniature model. Overall length:

Item #	Description	Image
AS0190	Castroviejo Corneal Scissors, Miniature Curved right Ilmm blades, miniature model. Overall length: 106mm.	AS0190
AS0140	Castroviejo Corneal Scissors, Miniature	
	Straight 19mm blades, universal miniature model. Overall length: 106mm.	
AS0200	Castroviejo Corneal Scissors, Medium	
	Strong curved l6mm blades, universal medium model. Overall length: 115mm.	AS0200
AS0170	Castroviejo Corneal Scissors, Medium	
	Medium curved 16mm blades, universal medium model. Overall length: 115mm.	AS0170 CE
AS0160 Castroviejo Corneal Scissors, Medium	Castroviejo Corneal Scissors, Medium	
	Medium curved 16mm blades, universal medium model. 3-hole handle. Overall length: 115mm.	ACCUTOME AS DIRO MICE

### Castroviejo Corneal Section Scissors

Curved and a	angled blades with flat squeeze handle.	
AS1150	Castroviejo Corneal Scissors, Left	
	Curved left 9mm blades, lower blade 0.5mm longer than upper blade, sub-miniature model, blunt tips. Overall length: 103mm.	AS1150
AS1200	Castroviejo Corneal Scissors, Right	
	Curved right 9mm blades, lower blade 0.5mm longer than upper blade, sub-miniature model, blunt tips. Overall length: 103mm.	AS1200
AS1160	Castroviejo Corneal Scissors, Left	
	Curved left 13mm blades, lower blade 0.5mm longer than upper blade, mid-miniature model, blunt tips. Overall length: 106mm.	ACCUTOME (4

Item #	Description	Image
AS1210	Castroviejo Corneal Scissors, Right	
	Curved right 13mm blades, mid-minature model, lower blade 0.5mm longer than upper blade, blunt tips. Overall length: 106mm.	ACCUTOME (4
AS1170	Castroviejo Corneal Scissors, Left	
	Angled left 14mm blades, blunt tips, lower blade 0.5mm longer than upper blade. Overall length: 106mm.	ACCUTOME I
AS1220	Castroviejo Corneal Scissors, Right	
	Angled right 14mm blades, blunt tips, lower blade 0.5mm longer than upper blade. Overall length: 106mm.	SUNCE THE OWN TO SERVICE ON THE SERV
AS1140	Castroviejo Corneal Scissors, Left	
A5114U	Angled left 18mm blades, curved to conform to the curve of	
	the limbus, lower blade Imm longer than upper blade, blunt tips. Overall length: Il2mm.	ACCUTOME
AS1190	Castroviejo Corneal Scissors, Right	
	Angled right 18mm blades, curved to conform to the curve of the limbus, lower blade Imm longer than upper blade, blunt tips. Overall length: II2mm.	
		A 1 (200 )

### Castroviejo Keratoplasty Scissors

Angled to side 16mm blades, universal model, medium, lower blade 1mm longer than upper blade, blunt tips. Flat handle. Overall length: 110mm.

AS0210 Castroviejo Keratoplasty Scissors



### **Hoffer-Stern Scissors**

 $Angled \ forward \ 10mm \ blades, extra \ thin, blunt \ tips. \ Flat, serrated \ handle. \ Overall \ length: 112mm.$ 

AS5560 Hoffer-Stern Curved Scissors



Item # Description Image

### **Katzin Corneal Transplant Scissors**

Curved left and right blades, lower blade 12mm, upper blade 11mm, miniature model, blunt tips. Flat 3-hole, squeeze handle. Overall length: 108mm.

AS0220 Katzin Curved Corneal Scissors, Right
Strongly curved right blades.

AS0230 Katzin Curved Corneal Scissors, Left
Strongly curved left blades.



### Troutman-Castroviejo Corneal Section Scissors

Curved left and right 13mm blades, miniature model, blunt tips. Flat handle, locking handle.

ASI270 Troutman-Castroviejo Scissors, Left
Curved left blades. Overall length: 116mm.

ASI290 Troutman-Castroviejo Scissors, Right
Curved right blades. Overall length: 105mm.



### **Troutman-Katzin Corneal Transplant Scissors**

Strongly curved left blades, small, blunt tips. Flat, 3-hole, locking handle. Overall length: 105mm.

AS0290 Troutman-Katzin Corneal Scissors



### **ENUCLEATION SCISSORS**

Item # Description Image

### **Enucleation Scissors**

 $\hbox{\it Curved blades, heavy, blunt, rounded tips. Ring handle. Overall length: 131mm.}$ 

AS2120 Enucleation Scissors, Strong Curve

Strongly curved 40mm blades.



AS2110 Enucleation Scissors, Medium Curve

Medium curved 44mm blades.

### **ENUCLEATION SCISSORS**

## Item # Description Image AS2100 Enucleation Scissors, Light Curve Lightly curved 44mm blades.

### **EYE SCISSORS**

Item # Description Image

### **Eye Scissors**

Straight and curved blades, 29mm and 30mm blades.

AS5130 Eye Scissors, Curved

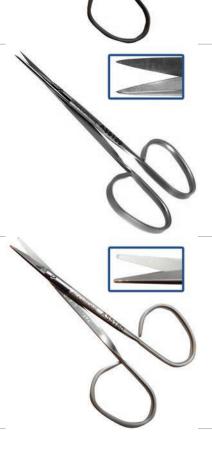
Curved 29mm blades, blunt tips. Ribbon handle. Overall length: 107mm.



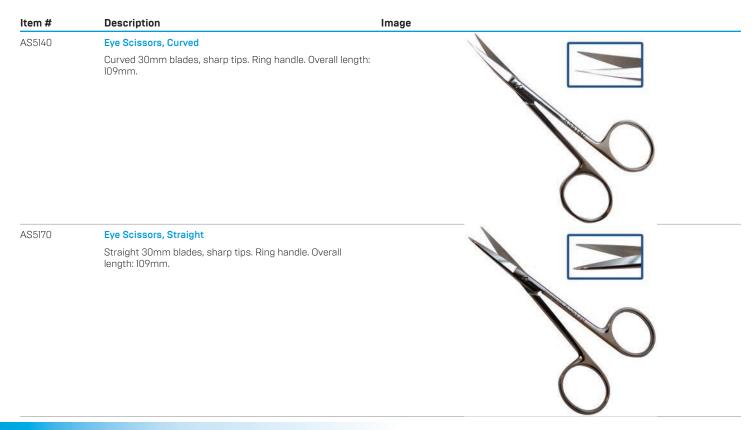
Straight 29mm blades, sharp, pointed tips. Ribbon handle. Overall length: 109mm.

AS5160 Eye Scissors, Straight

Straight 29mm blades, round, blunt tips. Ribbon handle. Overall length: 107mm.



### **EYE SCISSORS**



### **INTRAOCULAR SCISSORS**

Item #	Description	Image
Intraocular S	cissors	
Microscissors	s with straight tubular shafts available with straight or	curved 2mm blades. All scissors have titanium, squeeze-action handles.
AS2310	Intraocular Scissors, Curved	
	Curved blades. Overall length: 146mm.	
AS2320	Intraocular Scissors, Angled	
	Angled blades. Overall lenght: 146mm.	
 AS2390	Intraocular Scissors, Straight	
	Straight blades. Overall length: 146mm.	

# **INTRAOCULAR SCISSORS**

Item #	Description	Image
AS0940	Intraocular Scissors, Angled	
	23g shaft, angled 45 degree blades. For cutting parallel to the retina. Overall length: 134mm.	
AS0900	Intraocular Scissors, Straight	
	23g shaft, straight blades. Overall lenght: 142mm.	
		AS0900

# **IOL REMOVAL SCISSORS**

Item # Description Image

### **Accutome IOL Cutter**

Accutome cutter for the explanting, or removal, of an IOL. Angled left 7mm blades, rounded, blunt tips. Flat handle. Overall length: 92mm.

AS0301 Accutome IOL Cutter



# **IRIS SCISSORS**

Item # Description Image

# **Barraquer Iris Scissors**

Angled 7.5mm blades, delicate, blunt tips. Flat, squeeze-action handle. Overall length: 54mm.

AS3100 Barraquer Iris Scissors



### **Cohan-Vannas Curved Iris Scissors**

Straight 12mm blades, sharp, pointed tips. Flat, squeeze handle. Overall length: 57mm.

AS3110 Cohan-Vannas Curved Iris Scissors



# **IRIS SCISSORS**

Item # Description Image

DeWecker Iris Scissors

Angled 12mm blades. Flat, squeeze handle. Overall length: 114mm.

AS3120 Blunt Iris Scissors
Blunt tip blades.

AS3130 Sharp Iris Scissors
Sharp and blunt tip blades.



#### **Iris Scissors**

AS3160

AS4110

AS4100

Straight and curved blades with sharp, pointed tips.

AS3185 Iris Scissors, Straight
Straight 10mm blades, Flat, 3-hole, squeeze handle, Overal

Straight 10mm blades. Flat, 3-hole, squeeze handle. Overall length:  $108\,mm.$ 





Iris Scissors, Curved

Curved 18mm blades. Ribbon handle. Overall length: 99mm.



Iris Scissors, Curved
Curved 21mm blades. Flat, squeeze handle. Overall length: 121mm.



Iris Scissors, Straight
Straight 2Imm blades. Flat, squeeze handle. Overall length: 12Imm.



# **IRIS SCISSORS**

Item #	Description	Image
AS5180	Iris Scissors, Straight	
	Straight 25mm blades, light standard pattern. Ring handle. Overall length: 98mm.	
	Overdin length, 70mm.	
AS5150	Iris Scissors, Curved	
	Curved 25mm blades, light standard pattern. Ring handle.	
	Overall length: 98mm.	0
AS3140	Iris Scissors, Curved	
A33140	Curved 25mm blades. Large ring handle. Overall length:	
	102mm.	TOTAL PROPERTY.
AS3170	Iris Scissors, Straight	
	Straight 28mm blades, Large ring handle, Overall length: 100mm.	
AS3210	Iris Scissors, Straight	
	Straight 29mm blades. Ribbon handle. Overall length: 105mm	
AS3220	Iris Scissors, Curved	
	Curved 29mm blades. Ribbon handle. Overall length: 105mm.	
AS5110	Iris Scissors, Curved	
	Curved 30mm blades. Ring handle. Overall length: 108mm.	ASDIO

### McPherson-Vannas Iris Scissors

 $\hbox{\it Curved IImm blades, delicate, sharp tips. Flat, squeeze handle. Overall length: 83mm.}$ 

AS3200 McPherson-Vannas Iris Scissors



# **MISCELLANEOUS SCISSORS**

Item # Description Image

#### **Mayo Dissecting Scissors**

Straight 58mm blades, beveled, blunt tips. Ring handle. Overall length: 171mm.

AS5235 Mayo Dissecting Scissors



### **Troutman Conjunctival Scissors**

Curved 17mm blades, blunt tips. Flat, locking handle. Overall length: 107mm.

AS5910 Troutman Conjunctival Scissors



### **Westcott Conjunctival Scissors**

Lightly curved 16mm blades, blunt tips. Flat, wide, squeeze handle. Overall length: 132mm.

AS4580 Westcott Conjunctival Scissors



# **STITCH SCISSORS**

Item # Description Image

# Castroviejo Mini Keratoplasty-Utility-Stitch Scissors

 $Curved\ 13 mm\ blades,\ miniature\ model,\ small,\ sharp,\ pointed\ tips.\ Flat\ handle,\ wide.\ Overall\ length:\ 13 lmm.$ 

AS5100 Castroviejo Mini Keratoplasty Scissors



# **STITCH SCISSORS**

Item # Description Image

#### **Fine Stitch Scissors**

Straight 17mm blades, delicate, sharp, pointed tips. Flat handle. Overall length: 112mm.

AS4120 Fine Stitch Scissors



### **Jaffe Stitch Scissors**

Curved blades, medium, sharp tips. Flat, 3-hole handle. Overall length: 108mm.

AS4I40 Jaffe Stitch Scissors



#### **McPherson-Westcott Stitch Scissors**

Curved, small blades, sharp, pointed tips. Flat, 3-hole handle. Overall length: 105mm.

AS4I50 McPherson-Westcott Stitch Scissors



#### Stitch Scissors

Slightly curved 13mm blades, sharp, pointed tips. Ribbon handle. Overall length: 102mm.

AS4l60 Stitch Scissors



# **STITCH SCISSORS**

Item # Description Image

# **Westcott Type Stitch Scissors**

Curved blades with sharp, pointed tips. Flat, serrated squeeze handle.

AS4190 Curved Stitch Scissors

Curved 21mm blades. Overall length: 116mm.



AS4200 Lightly Curved Stitch Scissors

Lightly curved 22mm blades. Overall length: 140mm.



# **STRABISMUS SCISSORS**

Item # Description Image

**Knapp Strabismus Scissors** 

Straight and curved blades, 25mm blades, rounded, blunt tips. Ring handle. Overall length: 118mm.

AS3500 Knapp Strabismus Scissors, Curved

Lightly curved blades.



AS3510 Knapp Strabismus Scissors, Curved

Strongly curved blades.



# **STRABISMUS SCISSORS**

Item #	Description	Image
AS3520	Knapp Strabismus Scissors, Straight	
	Straight blades.	



#### **Strabismus Scissors**

Curved and straight blades, rounded, blunt tips. Ribbon handle. Overall length: 109mm.

AS3550	Strabismus Scissors, Straight	
	Straight 29mm blades.	ASPIRA
AS3530	Strabismus Scissors, Curved	
	Curved 29mm blades.	
AS3540	Strabismus Scissors, Curved	
	Strongly curved 27mm blades.	

# **SUTURE SCISSORS**

Item # Description Image	
--------------------------	--

# Littler Suture/Dissecting Scissors

Curved 27mm blades, holes in blades, round blunt tips. Ring handle. Overall length: 12lmm.

AS5900 Littler Dissecting Scissors



# **SUTURE SCISSORS**

Item # Description Image

#### **Stitch Removal Scissors**

Straight blades with sharp tips.

AS4170

Stitch Removal Scissors, Straight

Straight blades, sharp tips, delicate. Ribbon handle. Overall length: 99mm.



AS4130

Stitch Removal Scissors, Straight

Straight l6mm blades, sharp, pointed tips. Flat, wide, squeeze handle. Overall length: 132mm.



### **TENOTOMY SCISSORS**

Item # Description Image

# McPherson-Westcott Tenotomy Scissors

Curved right 9mm blades, sub-miniature model, rounded, blunt tips. Flat, squeeze handle. Overall length: 88mm.

AS0240 McPherson-Westcott Tenotomy Scissors



### **Shepard-Westcott Tenotomy Scissors**

Curved right 21mm blades, blunt tips, upper blade serrated. Flat, squeeze handle. Overall length: 123mm.

AS4510 Shepard-Westcott Tenotomy Scissors



# **TENOTOMY SCISSORS**

Item # Description Image

#### **Stevens Tenotomy Scissors**

Straight and curved blades with blunt tips.

AS4550 Stevens Tenotomy Scissors, Straight

Straight 19mm blades, heavy model, blunt tips. Ring handle. Overall length: 98mm.



AS4560 Stevens Tenotomy Scissors, Straight

Straight 19mm blades, light model, blunt tips. Ribbon handle. Overall length: 98mm.



AS4520 Stevens Tenotomy Scissors, Curved

Curved 19mm blades, heavy model, blunt, round tips. Ribbon handle. Overall length:  $98\,\mathrm{mm}$ .



AS4530 Stevens Tenotomy Scissors, Curved

Curved 19mm blades, light model, blunt tips. Ribbon handle. Overall length:  $98\,\text{mm}.$ 



# **TENOTOMY SCISSORS**

Item #	Description	Image
AS4575	Stevens Tenotomy Scissors, Curved	
	Curved 33mm blades, blunt tips. Ring handle. Overall length: 143mm.	
AS4576	Stevens Tenotomy Scissors, Curved Curved 36mm blades, blunt tips. Ring handle. Overall length: 159mm.	
AS4570	Stevens Tenotomy Scissors, Straight  Straight, standard blades 30mm from mid-screw to tips, blunt tips. Ring handle. Overall length: Il2mm.	
AS4540	Stevens Tenotomy Scissors, Curved  Curved, standard blades, 30mm from mid-screw to tip, blunt tips. Ring handle. Overall length: ll2mm.	

### **TENOTOMY SCISSORS**

Item # Description Image

#### **Westcott Tenotomy Scissors**

Curved left and right blades, blunt tips. Flat, squeeze handle.

AS4590 Westcott Tenotomy Scissors, Curved

Curved I5mm blades, medium, blunt tips. 3-hole handle. Overall length: 118mm.



AS4600 Westcott Tenotomy Scissors, Curved Left

Curved left 19mm blades, rounded, blunt tips. Overall length:

115mm.



AS4610 Westcott Tenotomy Scissors, Curved Right

Curved right 19mm blades, blunt tips. Overall length: 115mm.



AS4620 Westcott Tenotomy Scissors, Curved Right

Curved right 23mm blades, round, blunt tips. Wide handle. Overall length: 143mm.



# **UTILITY SCISSORS**

Item # Description Image

#### **Lister Bandage Scissors**

Angled blades, probe point tip. Ring handle.

AS6515 **50mm Bandage Scissors** 

50mm blade from mid-screw to tip. Overall length: 119mm.



AS6516 67mm Bandage Scissors

67mm blade from mid-screw to tip. Overall length: 181mm.



# **UTILITY SCISSORS**

Item # Description Image

### **Operating Scissors**

Straight blades with ring handle. Overall length: 147mm.

AS5240 **53mm Operating Scissors** 

53mm blade from mid-screw to tip, one sharp tip/blade, one

blunt tip/blade.

AS6510 56mm Operating Scissors

56mm blade from mid-screw to tip, sharp tips.



#### **Utility Scissors**

25mm blades and blunt tips.

AS5190 Utility Scissors, Curved

Slightly curved I8mm blades, blunt. Ribbon handle. Overall

length: 99mm.

AS5220 Utility Scissors, Curved

Curved 18mm blades, blunt tips. Ribbon handle. Overall

length: 94mm.

AS5200 Utility Scissors, Curved

Curved 25mm blades, blunt tips. Ribbon handle. Overall

length: 103mm.



# **UTILITY SCISSORS**

Item #	Description	Image
AS5250	Utility Scissors, Angled	. \
	Angled 26mm blades, probe points, blunt tips. Ring handle. Overall length: 116mm.	

### **Westcott Type Utility Scissors**

Curved 25mm blades, rounded tips, sharp. Flat handle. Overall length: 131mm.

AS5210 Westcott Type Utility Scissors



# **VANNAS SCISSORS**

Item #	Description	Image	
Gills-Vannas	Gills-Vannas Capsulotomy Scissors		
7mm blades,	sharp, pointed tips. Flat, squeeze handle. Overall length: 89mm.		
AS5510	Gills-Vannas Capsulotomy Scissors, Angled		
	Angled forward blades. 3-hole handle.	10000	
AS5530	Gills-Vannas Capsulotomy Scissors, Straight		
	Straight blades.	E 2 4 Stainless E 2 4 Germany	
		AS5530	
AS5520	Gills-Vannas Capsulotomy Scissors, Curved		
	Curved blades.		
		AS5520 (E)	

# **VANNAS SCISSORS**

Item # Description Image

#### Gills-Welsh-Vannas Micro Scissors

Angled blades, sharp, pointed tips. Flat, squeeze handle.

AS5540 5mm Gills-Welsh-Vannas Scissors

5mm blades. Overall length: 80mm.



AS5550 11mm Gills-Welsh-Vannas Scissors

11mm blades. Overall length: 86mm.



#### Stern-Gills Scissors

Angled forward 10mm blades, extra-thin, sharp tips. Flat, 3-hole squeeze handle. Overall length: 112mm.

AS5570 Stern-Gills Scissors



# **Uribe-Stern Scissors**

Curved forward 10mm blades, extra-thin, sharp tips. Flat, 3-hole squeeze handle. Overall length: 112mm.

AS5580 Uribe-Stern Scissors



### **Uthoff-Gills Capsulotomy Scissors**

Angled 10mm blades, curved, blunt tips. Flat, squeeze handle.

AS5590 Uthoff-Gills Capsulotomy Scissors



# **VANNAS SCISSORS**

Item #	Description	Image
Vannas Caps	sulotomy Scissors	
6mm blades,	sharp pointed tips. Flat, squeeze handle.	
AS5610	Vannas Capsulotomy Scissors, Angled	
	30-degree angled blades, sharp, pointed tips. Overall length: 8lmm.	AS5610 (6 C)
AS5640	Vannas Capsulotomy Scissors, Curved Curved blades. Overall length: 86mm.	
AS5680	Vanna Caraulatanu Caiaaana Chrainta	AS5640 (6 F
AS508U	Vannas Capsulotomy Scissors, Straight Straight blades. Overall length: 84mm.	BO (6
AS5600	Vannas Capsulotomy Scissors, Angled	CAMPATA CAMPAT
	Blades angled to side. Overall length: 81mm.	A55600

#### **Vannas Scissors**

Curved and straight blades with extra-thin, sharp, pointed tips. Flat, 3-hole squeeze handle. Overall length: 112mm.

AS5660	Vannas Scissors, Straight	
	Straight 7mm blades.	
AS5630	Vannas Scissors, Curved	
	Curved 7mm blades.	
AS5670	Vannas Scissors, Straight	
AS367U		
	Straight I0mm blades.	AS5670 ASS670

# **VANNAS SCISSORS**

Item #	Description	Image
AS5650	Vannas Scissors, Curved	
	Curved I0mm blades.	A\$5650 CO CO



# **CYCLODIALYSIS SPATULAS**

Item # Description **Image Barraquer Cyclodialysis Spatula** Angled shaft, 0.5mm x 15mm angled round blade, smooth, pointed tip, slightly curved blade. Round handle. Overall length: 120mm. AH5100 Barraquer Cyclodialysis Spatula Castroviejo Cyclodialysis Spatula Double-ended and single-ended, angled shafts. Flat handle. AH5140 0.25mm Castroviejo Cyclodialysis Spatula Double-ended, 0.25mm spatula, 10mm from bend to tip, 15mm from bend to tip. Overall length: 137mm. AH5150 0.5mm Castroviejo Cyclodialysis Spatula Double-ended, 0.5mm flat posterior surface, 10mm from bend to tip, 15mm from bend to tip, semi-sharp tips. Overall length: 135mm. AH5130 0.75mm Castroviejo Cyclodialysis Spatula 0.75mm spatula, 10mm from bend to tip. Overall length: 134mm. AH5120 1.0mm Castroviejo Cyclodialysis Spatula 1.0mm spatula, 16mm from bend to tip. Overall length: 140mm. Castroviejo Synechia Spatula Double-ended, angled shafts, 0.5mm spatulas, 15mm from bend to tip, 10mm from bend to tip. Flat handle. Overall length: 133mm. AH5160 Castroviejo Synechia Spatula

# **CYCLODIALYSIS SPATULAS**

Item # Description Image

#### Wheeler/Elschnig Cyclodialysis Spatula

Double-ended, curved shaft, 1.75mm spatula, 30mm from bend to tip on both ends. Flat handle. Overall length: 140mm.

AH5370 Wheeler Cyclodialysis Spatula



# **DSEK SPATULAS**

Item # Description Image

#### **Cindy Sweeper DSEK Spatula**

Angled shaft, 0.7mm spatula, 12mm from bend to tip, cylindrical smooth tip, blunt. Round handle. Overall length: 114mm.

AH7201 Cindy Sweeper DSEK Spatula



#### **FEMTOSECOND SPATULAS**

Item # Description Image

### **Eippert Femtosecond Spatula**

This stainless steel Eippert Femtosecond Spatula is double-ended for greater versatility and has straight shafts with 0.9mm and 2.0mm blunt thin tips to maintain proper wound architecture. Helps to ensure open incisions after femtosecond laser incisions.

AH4605 Eippert Femtosecond Spatula, Long

Long, round handle design that is ideal for use during femtosecond laser surgery. Overall length: 146mm.



AH4606 Eippert Femtosecond Spatula, Short

Short, round handle design that is ideal for use with the aberrometer. Overall length: 120mm.



### **FEMTOSECOND SPATULAS**

Item # Description Image

#### Lane Femtosecond Incisional Spatula

Double-ended Lane femtosecond cataract incisional spatula is specifically designed for opening femtosecond-created primary, secondary, and arcuate incisions in cataract surgery. One end is used to open and spread the vertical/tangential component of the femtosecond-created incision and the other end is used to open the tunnel aspect of the incision entry into the anterior chamber. Double-ended, one-angled shaft with blunt spatulated tip, 10mm from bend to tip, max depth of 0.25mm. One straight shaft with 90-degree angle, curved spatulated tip. Round handle. Overall length: 125mm.

AH6610 Lane Femtosecond Spatula

#### Lee Femtosecond Spatula

The Lee spatula is a femtosecond cataract instrument. Flattened tip design offers benefits of opening both sideport and main incisions. A short handle allows for easy maneuvering under modern surgical abberometers. Angled shaft. Round handle.

AH4620 Lee Femtosecond Spatula

#### Slade Femtosecond Laser Spatula

Vaulted shaft, 22.0mm from bend to tip, flattened tip for opening the main and sideport incisions. Round handle. Overall length: 115mm.

AH4600 Slade Femtosecond Spatula

AH4600 C

#### **Suarez Spreader**

Straight shaft, angled blade tip, Imm x 2mm blade. Round handle. Overall length: 118mm.

AH8I50 Suarez Spreader



# **IRIS SPATULAS**

Item # Description Image

### **Barraquer Iris Spatula**

Angled shaft, 15mm from bend to tip, 0.5mm cylindrical smooth tip. Round handle. Overall length: 122mm.

AH5110 Barraquer Iris Spatula



### **Culler Iris Spatula**

Curved shaft, Imm wide x 28mm long spatula blade. Flat handle. Overall length: 127mm.

AH5170 Culler Iris Spatula



### Iris Spatula

Slightly curved shafts with various size malleable blade tips.

AH5220 1mm Iris Spatula

Imm wide x 30mm long tip. Flat handle. Overall length:

130mm.



AH5230 2mm Iris Spatula

2mm wide x 33mm long tip. Round handle. Overall length:

136mm.



# **LASIK SPATULAS**

Item # Description Image

#### **Intralase Flap Lifter and Retreatment Spatula**

Double-ended, angled shaft, 1.5mm from bend to tip, slightly pointed tip, spatula tip, Z-shaped tip, 12mm wide cylindrical spatula, slightly pointed tip. Round handle. Overall length: 106mm.

AH5275 Intralase Flap Lifter and Retreatment Spatula



# **LASIK SPATULAS**

Item # Description Image

#### Katzen LASIK Flap "Unzipper"

Double-ended, straight shafts, modified sinskey hook, bi-convex spatula, beveled notches. Round handle. Overall length: 133mm.

AHI000 Katzen LASIK Flap



# **PHACO SPATULAS**

Item # Description Image

#### **Gimbel Nucleus Spatula**

Angled 30-degree shaft, 9mm from bend to tip, 0.25mm diameter, smooth. Round handle. Overall length: 121mm.

AH5190 Gimbel Nucleus Spatula



#### Jaffe Lens Spatula

Angled shaft, 10mm from bend to tip, 0.5mm wide, flat spatula. Flat handle. Overall length: 114mm.

AH5240 **Jaffe Lens Spatula** 



### Johnson Spatula

Angled shaft, 10mm from bend to tip, 0.25mm wide blunt blade tip. Round handle. Overall length: 105mm.

AH5500 **Johnson Spatula** 



### Knolle Lens Nucleus Spatula and Anterior Chamber Gauge

 $Curved\ shaft,\ flat\ spatula\ blade,\ 30mm\ long\ blade,\ marks\ at\ 5mm,\ 6mm,\ and\ 7mm\ from\ tip.\ Round\ handle.\ Overall\ length:\ l26mm.$ 

AH5260 Knolle Spatula and Chamber Gauge



# **PHACO SPATULAS**

Item# Description Image

#### **Knolle Nucleus Spatula**

Straight shaft, 0.5mm wide tip, malleable. Round handle. Overall length: 127mm.

AH5265 Knolle Nucleus Spatula



### **Koch Nucleus Spatula**

Curved shaft, Imm wide, duckbill-shaped tip. Round handle. Overall length: 115mm.

AH5256 Koch Nucleus Spatula, Smooth
Imm wide tip.

AH5255 Koch II-Nucleus Spatula, Notched
Imm wide tip with notches.

#### **Koch Phacoemulsification Spatula**

Curved shaft, duckbill-shaped spatula tip, 0.8mm wide tip. Round handle. Overall length: 117mm.

AH5267 Koch Phacoemulsification Spatula



#### Lieppman Nucleus Spatula

Angled shaft, forked tip, 0.5mm wide, blunt tip. Round handle. Overall length: 121mm.

AH5270 Lippman Nucleus Spatula



#### **Rowen Phaco Spatula**

Double-ended, angled shafts, 9mm from bend to tip, phaco splitter, 60-degree interior cutting edge, blunt tip, 7mm from bend to tip, nucleus rotator, Y-shaped tip. Round handle. Overall length: 143mm.

AH5355 Rowen Phaco Spatula



# **REFRACTIVE SPATULAS**

Item # Description Image

#### Kimura Platinum Spatula

Straight shaft, 34mm shaft, 4mm wide x 17.5mm flat platinum spatula. Flat handle. Overall length: 149mm.

AH5250 Kimura Platinum Spatula



# Maloney PRK Spatula

Angled shaft, 5mm from bend to tip, 2mm wide spatula tip, semi-sharp. Round handle. Overall length: 120mm.

AH5390 Maloney PRK Spatula



### **Paton Spatula and Spoon**

Double-ended, angled shaft, 8mm from bend to tip, I.5mm flat spatula, curved 6mm teardrop-shaped spoon with three long openings. Flat handle. Overall length:

AH6140 Paton Spatula and Spoon



# **RETINAL SPATULAS**

Item # Description Image

#### Maumenee-Barraquer Vitreous Sweep Spatula

Angled shaft, Ilmm from bend to tip, spatula blade tip. Round handle. Overall length: 120mm.

AH5124	Maumenee-Barraquer Spatula, Right		
	Right-hand use.		
AH5125	Maumenee-Barraquer Spatula, Left		
	Left-hand use.	- Contract	



# **ADJUSTABLE SPECULUMS**

Item # Description Image

#### **Cook Eye Speculum**

Pediatric size, 10mm solid round blades, 22mm blade spread, temporal approach, locking screw mechanism. Overall length: 57mm.

AL0340 Cook Eye Speculum



### Kammann Eye Speculum

Adult size, I6mm closed K-wire fenestrated blades, self-locking mechanism, 27mm blade spread, temporal approach. Overall length: 70mm.

AL0450 Kammann Eye Speculum



# **Lancaster Eye Speculum**

Adult size, I5mm round solid blades, 35mm blade spread that is spring-controlled with locking mechanism, temporal approach. Overall length: 69mm.

AL0390 Lancaster Eye Speculum



### Lester-Burch Eye Speculum

Adult size, 21mm round solid blades, 32mm blade spread, temporal approach, locking screw mechanism. Overall length: 82mm.

AL0400 Lester-Burch Eye Speculum



### **ADJUSTABLE SPECULUMS**

Item # Description Image

#### Lieberman Adjustable Speculum

Adult and pediatric size Lieberman adjustable speculums available in various blade sizes. The options of titanium or stainless steel with temporal, nasal, and reversible approaches are available. Lid tension is adjustable with thumb-screw control.

AL0521 S Round, Solid Speculum

Pediatric size, 10mm round solid blades, temporal approach. Overall length: 73mm.

AL0520 S Round, Solid Speculum

Adjult size, 14mm round solid blades, reversible approach. Overall length: 90mm.

AL0520 N/K K-Wire Speculum

Adult size, 14mm square open K-wire blades, nasal approach. Overall length: 83mm.

AL0520 N/V V-Wire Speculum

Adult size, 14mm open V-wire blades with no flare, nasal

approach. Overall length: 83mm.

AL0520 T/K K-Wire Speculum

Adult size, 15mm open K-wire blades, temporal approach. Overall length: 90mm.

AL0520 T/K TI K-Wire Speculum

Adult size, titanium, 15mm open K-wire blades, temporal approach. Overall length: 90mm.

AL0520 T/V V-Wire Speculum

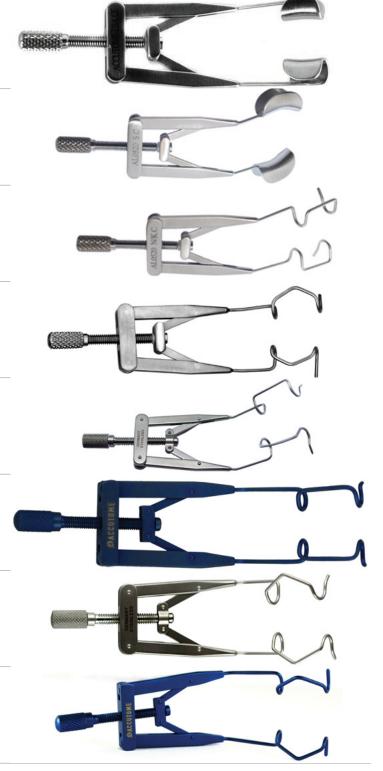
Adult size, 15mm open V-wire blades, temporal approach.

Overall length: 90mm.

AL0520 T/V TI V-Wire Speculum

Adult size, titanium, 15mm V-wire blades, temporal approach.

Overall length: 90mm.



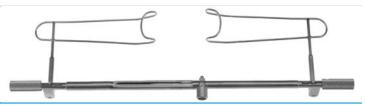
# **ADJUSTABLE SPECULUMS**

Item #	Description	Image
AL0523 T/K	K-Wire Speculum	
	Designed for use during femtosecond cataract surgery. Adult size, 15mm open K-wire blades, temporal approach. Blades are covered in silicone tubing for patient comfort as well as for pushing back the conjunctiva. Overall length: 85mm.	
AL0523 T/V	V-Wire Speculum	8
	Designed for use during femtosecond cataract surgery. Adult size, 15mm open V-wire blades, temporal approach. Blades are covered in silicone tubing for patient comfort as well as for pushing back the conjunctiva. Overall length: 85mm.	The state of the s
AL0525	Round, Solid Speculum	
	Adult size, 15mm round solid, thin blades, temporal approach. Overall length: 76mm.	

### **Schott Eye Speculum**

Adult size, I6mm round closed wire blades, temporal approach, rotatable adjustment for control of blade elevation. Overall length: I40mm.

AL0480 Schott Eye Speculum



# Williams Eye Speculum

Both adult and pediatric sizes are available in this Williams Eye Speculum. Various blade sizes and spread that are temporal in approach. Comes with a spring-controlled blade spread with screw-type locking mechanism.

AL0490	Adult Eye Speculum	
	Adult size, 14mm closed K-wire blades, 52mm blade spread. Overall length: 86mm.	
AL0500	Pediatric Eye Speculum	
	Pediatric size, Ilmm closed K-wire blades, 4lmm blade spread. Overall length: 69mm.	

# **ASPIRATING SPECULUMS**

Item # Description Image

### **Lieberman Aspirating Speculum**

Adult size, 12mm open K-wire blades, temporal approach, lid tension adjustable with thumb-screw control, supplied with silicone tubing and luer-lock adapter. Overall length: 82mm.

AL0530

Lieberman Aspirating Speculum



### **Machat LASIK Speculum**

Aspirating and non-aspirating Machat LASIK speculums. Both are adult size with 17mm open V-wire blades, temporal approach, and have thumb-screw control for lid tension. Overall length: 76mm.

AL0533 Machat Aspirating Speculum

Aspirating speculum.

AL0534 Machat Adjustable Speculum

Non-aspirating speculum.



# **WIRE SPECULUMS**

Item # Description Image

### Varley LASIK/Femtosecond Lid Speculum

Adult size, 14mm open K-wire blades with modified bent shafts, 0.039 stainless steel wire, 30mm blade spread, temporal approach. Overall length: 60mm.

AL3190 Varley LASIK/Femtosecond Lid Speculum



Item # Description Image

### Alfonso Eye Speculum

Newborn size speculums available in both regular wire and heavy wire. 5mm closed K-wire blades with 27mm spread, temporal approach. Dull finish. Overall length: 45mm.

AL0300 Wire Newborn Speculum
Standard wire.

AL0301 Heavy Wire Newborn Speculum
Heavy wire.



#### **Barraquer Lid Speculum**

A variety of Barraquer eye speculums in both adult and pediatric sizes. Solid, closed, and open blades that are both temporal and nasal in approach are available.

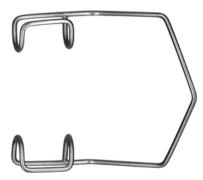
AL0190 K-Wire Speculum

Infant size, 4mm open K-wire blades, 15mm blade spread, temporal approach. Overall length: 31mm.



AL0141 K-Wire Speculum

Pediatric size, 8mm closed K-wire blades, 15mm blade spread, temporal approach. Overall length: 32mm.



Item #	Description	Image
AL0145 H	K-Wire Speculum  Pediatric size, 9mm heavy closed K-wire blades, 11mm blade spread, temporal approach. Overall length: 30mm.	
AL0100	Round, Solid Speculum	
	Pediatric size, 10mm round solid blades, 15mm blade spread, temporal approach. Overall length: 38mm.	
AL0140	Round, Wire Speculum	
	Pediatric size, Ilmm round closed wire blades, 15mm blade spread, temporal approach. Overall length: 38mm.	
AL0140S	K-Wire Speculum Pediatric size, Ilmm closed K-wire blades, square, 19mm	
	blade spread, temporal approach. Overall length: 35mm.	

Item #	Description	Image
AL0121 S	K-Wire Speculum  Adult size, I2mm closed K-wire blades, I8mm blade spread, temporal approach. Overall length: 32mm.	
AL0110	Round, Solid Speculum  Adult size, 14mm solid rounded blades, 18mm blade spread, temporal approach. Overall length: 41mm.	
AL0120	Round, Wire Speculum  Adult size, 14mm round closed wire blades, 18mm blade spread, temporal approach. Overall length: 38mm.	
AL0120 S	K-Wire Speculum  Adult size, 14mm closed K-wire blades, 18mm blade spread, temporal approach. Overall length: 38mm.	
		2

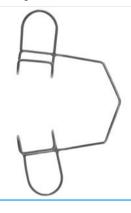
Item #	Description	Image
AL0126	K-Wire Speculum  Adult size, 14mm closed K-wire blades, 18mm blade spread, nasal approach. Overall length: 38mm.	
AL0130	K-Wire Speculum  Adult size, 14mm closed K-wire blades, heavy wire, 18mm blade spread, temporal approach. Overall length: 38mm.	
AL0180	Round, Wire Speculum  Adult size, 14mm round closed wire blades, 18mm blade spread, temporal approach. Overall length 38mm.	
AL0143	Round, Solid Speculum  Pediatric size, 14mm solid round blades, 18mm blade spread, temporal approach. Dull finish. Overall length: 41mm.	

Item # Description Image

#### Floyd-Barraquer Eye Speculum

Adult size, 14mm closed round wire blades with 6mm lifting wings, 18mm blade spread, temporal approach. Overall length: 40mm.

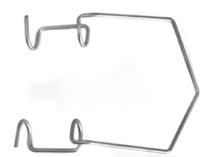
AL0133 Floyd-Barraquer Eye Speculum



### Kratz-Barraquer Eye Speculum

Adult and pediatric sizes with open K-wire blades and temporal approach.

AL0160	10mm Eye Speculum
	Pediatric size, 10mm blades, 19mm blade spread, temporal approach. Overall length: 35mm.
AL0150	14mm Eye Speculum
	Adult size, 14mm blades, 18mm blade spread, temporal approach. Overall length: 41mm.
AL0165	14mm Eye Speculum
	Adult size, 14mm heavy wire blades, 18mm blade spread, temporal approach. Overall length: 38mm.



# Kratz-Nichamin Lid Speculum

Adult size, I6mm open K-wire blades, temporal approach, wing tip twist that gives the surgeon better on-axis accessibility. Overall length: 45mm.

AL0151 Kratz-Nichamin Lid Speculum

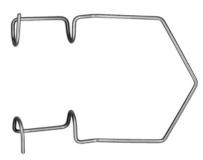


Item # Description Image

### Lehner Lid Speculum

Adult size, 14mm open K-wire blades, heavy wire, 18mm blade spread, temporal approach, angled up 45 degrees. Overall length: 38mm.

AL0153 Lehner Lid Speculum



### Sauer Eye Speculum

Infant size, 8mm round solid blades, 22mm blade spread, temporal approach. Overall length: 34mm.

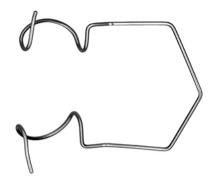
AL0470 Infant Sauer Eye Speculum



# **Slade Refractive Speculum**

Adult size, 0.035 stainless steel wire, 15mm round open wire blades with flared tips. Temporal approach. Overall length: 4lmm.

AL0175 Slade Refractive Wire Speculum



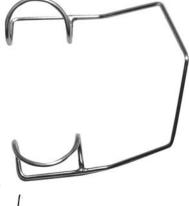
Item # Description Image

### **Temporal Approach Wire Speculum**

Adult size wire speculums with temporal approach. K-wire or round blade options with 18mm blade spread in stainless steel.

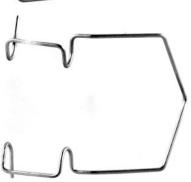
AL0152 Round Temporal Speculum

14mm round closed blades. Overall length: 41mm.



AL0185 Square Temporal Speculum

14mm open K-wire blades. Overall length: 38mm.





# **EVISCERATION & ENUCLEATION SPOONS**

Item #	Description	Image
Bunge Evisc	eration Spoon	
Straight shaf	t, spoon blade, flat, smooth. Flat handle.	
AH6120	8mm Bunge Evisceration Spoon	
	8mm diameter spoon blade. Overall length: 136mm.	
AH6110	12mm Bunge Evisceration Spoon	CONTRACTOR CE
	12mm diameter spoon blade. Overall length: 140mm.	

### **Wells Enucleation Spoon**

Straight shaft, curved spoon tip, 21mm wide spoon, 5mm wide x 10mm long notch in spoon. Flat handle. Overall length: 147mm.

AH6150 Wells Enucleation Spoon



# **LENS SPOONS**

Item #	Description	Image	
Culler Lens S	Spoon		
Straight shaf	t, spoon-shaped tip, 5mm wide x 9mm long	tip, solid middle. Flat handle. Overall length: 137mm.	
AH6130	Culler Lens Spoon		



### **METAL TRAYS**

Item # Description Image

### **Metal Microsurgical Instrument Sterilization Tray**

Aluminum metal microsurgical instrument sterilization trays with hinged lids. Available in various sizes and comes as a single or double layer.

AT0242

#### Two-Layer Metal Tray

Two layers with pin mat and retainers. External size: 10.5"W x 10.5"L x 2.5"H. Internal size: 9.84"W x 10.2"L x 2.32"H.



AT0281

#### Two-Layer Metal Tray

Two layers with pin mat, retainers, short tray, and full-height accessory area. External size:  $15''W \times 10.5''L \times 2.5''H$ . Internal size:  $9.84''W \times 14.60''L \times 2.32''H$ .



AT0241

### Single-Layer Metal Tray

Single layer with pin mat and retainers. External size: 10.5"W x 10.5"L x 1.5"H. Internal size: 9.84"W x 10.2"L x 1.23"H.



### **PLASTIC TRAYS**

Item # Description Image

#### **Diamond Knife Tray**

Plastic single-layer tray. Includes base, lid, and holder for up to three knives. Loose lid. Small size - 2.5"W x 6"L x 0.75"H.

AT0200 Diamond Knife Tray



### Plastic Microsurgical Instrument Sterilization Tray

Various plastic microsurgical trays used for instrument sterilization with lid and silicone finger mats. Comes in a variety of different sizes. Loose lid.

AT0155 Accutome Sterilization Tray, Small

Plastic single-layer tray. Includes base, lid, and silicone finger mat. Small size –  $4''W \times 7.5''L \times 1.5''H$ .



AT0210 Accutome Sterilization Tray, Small

Plastic single-layer tray. Includes base, lid, and silicone finger mat. Small size –  $2.5''W\times 6''L\times 0.75''H.$ 

AT0225 Accutome Sterilization Tray, Small

Plastic single-layer tray. Includes base, lid, and silicone finger

mat. Small size - 4"W x 7.5"L x 0.75"H.

AT0190 Accutome Sterilization Tray, Medium

Plastic single-layer tray. Includes base, lid, and silicone finger

mat. Medium size - 6"W x 10"L x 0.75"H.

AT0195 Accutome Sterilization Tray, Medium

Plastic single-layer tray. Includes deep base, lid, and silicone finger mat. Medium size –  $6"\rm W \times 10"L \times 1.5"H.$ 

# **PLASTIC TRAYS**

Item #	Description	Image
AT0170	Accutome Sterilization Tray, Medium	
	Plastic double-layer tray. Includes extra-deep base, insert tray, lid, and two silicone finger mats. Medium size - 6"W x 10"L x 1.5"H.	
AT0160	Accutome Sterilization Tray, Large	_
	Plastic single-layer tray. Includes base, lid, and silicone finger mat. Large size - 10"W x 15"L x 0.75"H.	_



# **Plastic Phaco Instrument Sterilization Tray**

Plastic Phaco single-layer instrument sterilization trays come with a base, lid, bars, and slots. Loose lid.

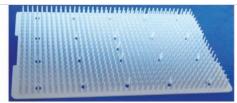
AT0600	1-Slot Phaco Tray
	Includes base, lid, 2 bars, and 1 slot. Medium size - 6"W x 10"L x 1.5"H.
AT0601	3-Slot Phaco Tray
	Includes base, lid, 2 bars, and 3 slots. Medium size - 6"W x 10"L x 1.5"H.



### **Sterilization Tray Replacement Mat**

Silicone finger mat for use in Accutome medium sterilization tray (AT0170). Light blue in color and has perforated bottom for draining. Medium size - 6"W x 10"L.

AT0170 BTTM MAT Sterilization Tray Replacement Mat





# **DISPOSABLE TREPHINES & PUNCHES**

Item# Description Image

#### **Disposable Radial Vacuum Trephine**

Our sterile, single-use vacuum trephines consistently create accurate and uniform cuts by dividing the corneal chamber into 16 chambers, thus reducing corneal distortion. The ergonomic grip allows for easier control while making precision cuts on patient corneas. 16 radial marks allow for easy suture placement. Sold individually.

iriuiviuuaiiy.	
AB-67600	6.00mm Disposable Trephine 6.00mm diameter.
AB-67650	6.50mm Disposable Trephine
	6.50mm diameter.
AB-67700	7.00mm Disposable Trephine
	7.00mm diameter.
AB-67725	7.25mm Disposable Trephine
	7.25mm diameter.
AB-67750	7.50mm Disposable Trephine
	7.50mm diameter.
AB-67775	7.75mm Disposable Trephine
	7.75mm diameter.
AB-67800	8.00mm Disposable Trephine
	8.00mm diameter.
AB-67825	8.25mm Disposable Trephine
	8.25mm diameter.
AB-67850	8.50mm Disposable Trephine
	8.50mm diameter.
AB-67875	8.75mm Disposable Trephine
	8.75mm diameter.
AB-67900	9.00mm Disposable Trephine
	9.00mm diameter.



### **Vacuum Donor Punch**

Our sterile, single-use vacuum donor punches have an ultra-sharp cutting blade for making precision cuts of the donor tissue for corneal transplants. The punches feature four guide posts that ensure proper alignment. Sold individually.

AB-60600	6.00mm Disposable Punch
	6.00mm diameter.
AB-60625	6.25mm Disposable Punch
	6.25mm diameter.
AB-60650	6.50mm Disposable Punch
	6.50mm diameter.
AB-60675	6.75mm Disposable Punch
	6.75mm diameter.
AB-60700	7.00mm Disposable Punch
	7.00mm diameter.
AB-60725	7.25mm Disposable Punch
	7.25mm diameter.
AB-60750	7.50mm Disposable Punch
	7.50mm diameter.



# **DISPOSABLE TREPHINES & PUNCHES**

Item #	Description	Image
AB-60775	7.75mm Disposable Punch	
	7.75mm diameter.	
AB-60785	7.85mm Disposable Punch	
	7.85mm diameter.	
AB-60800	8.00mm Disposable Punch	
	8.00mm diameter.	
AB-60825	8.25mm Disposable Punch	
	8.25mm diameter.	
AB-60850	8.50mm Disposable Punch	
	8.50mm diameter.	
AB-60875	8.75mm Disposable Punch	
	8.75mm diameter.	
AB-60900	9.00mm Disposable Punch	
	9.00mm diameter.	
AB-60925	9.25mm Disposable Punch	
	9.25mm diameter.	
AB-60950	9.50mm Disposable Punch	
	9.50mm diameter.	

# **REUSABLE TREPHINES & PUNCHES**

Item #	Description	Image

### Long Reusable Trephine Blade

Stainless steel, long, reusable trephine blades range in diameter from 2mm to 16mm. All blades are 15mm in length and are sold individually.

AM0570 20	2mm Long Trephine
	2mm diameter blade tip.
AM0570 25	2.5mm Long Trephine
	2.5mm diameter blade tip.
AM0570 30	3mm Long Trephine
	3mm diameter blade tip.
AM0570 40	4mm Long Trephine
	4mm diameter blade tip.
AM0570 45	4.5mm Long Trephine
	4.5mm diameter blade tip.
AM0570 50	5mm Long Trephine
	5mm diameter blade tip.
AM0570 60	6mm Long Trephine
	6mm diameter blade tip.
AM0570 65	6.5mm Long Trephine
	6.5mm diameter blade tip.
AM0570 67	6.75mm Long Trephine
	6.75mm diameter blade tip.



# **REUSABLE TREPHINES & PUNCHES**

Item #	Description	Image
AM0570 70	7mm Long Trephine	
	7mm diameter blade tip.	
AM0570 72	7.25mm Long Trephine	
	7.25mm diameter blade tip.	
AM0570 75	7.5mm Long Trephine	
	7.5mm diameter blade tip.	
AM0570 77	7.75mm Long Trephine	
	7.75mm diameter blade tip.	
AM0570 80	8mm Long Trephine	
	8mm diameter blade tip.	
AM0570 82	8.25mm Long Trephine	
	8.25mm diameter blade tip.	
AM0570 85	8.5mm Long Trephine	
	8.5mm diameter blade tip.	
AM0570 87	8.75mm Long Trephine	
	8.75mm diameter blade tip.	
AM0570 90	9mm Long Trephine	
	9mm diameter blade tip.	
AM0570 95	9.5mm Long Trephine	
	9.5mm diameter blade tip.	
AM0570 100	10mm Long Trephine	
	10mm diameter blade tip.	
AM0570 105	10.5mm Long Trephine	
	10.5mm diameter blade tip.	
AM0570 110	11mm Long Trephine	
	llmm diameter blade tip.	
AM0570 115	11.5mm Long Trephine	
	ll.5mm diameter blade tip.	
AM0570 140	14mm Long Trephine	
	14mm diameter blade tip.	
AM0570 15	15mm Long Trephine	
	15mm diameter blade tip.	
AM0570 160	16mm Long Trephine	
	l6mm diameter blade tip.	

# **REUSABLE TREPHINES & PUNCHES**

Item # Description Image

# Universal Trephine Blade Holder

Stainless steel, adjustable fingerlike tips that rest in the grooved disposable trephine blades, fits 3mm to 10mm short and long trephine blades. Round handle with screw-type adjustable spread. Overall length: 49mm.

AM0510

**Universal Trephine Blade Holder** 





Item # Description Image

# Sutures 11-0 Nylon

Mani brand Il-0, black mono, nylon sutures with both single and double arms. Taper point and trape spatula needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.

AB-0550S	Nylon Suture, Taper Point	Single-Armed	<b>Taper Point</b>	Suture
	Single-armed suture, measures 13cm in length. Taper point needle, measures 4.0mm in length, 3/8 curve, and 0.05mm in diameter.		· · · · · · · · · · · · · · · · · · ·	Description   Nylon, Black Mono
			/	Curve 3/8  Diam. (mm) 0.05
AB-1476	Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
	Double-armed suture, measures 30cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.			Description   Nylon, Black Mono   Length (cm)   30     Size   11-0 (0.1 metric)   Needle
				Length (mm)         5.5           Curve         7/16           Diam. (mm)         0.14
AB-1403	Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
	Double-armed suture, measures 20cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.	1		Description         Nylon, Black Mono           Length (cm)         20           Size         11-0 (0.1 metric)
				Length (mm)         5.5           Curve         7/16           Diam. (mm)         0.14
AB-1000	Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture  Description Nylon, Black Mono
	Double-armed suture, measures 20cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.10mm in diameter.	5-		Description
				Length (mm)         5.5           Curve         7/16           Diam. (mm)         0.10
AB-1000S	Nylon Suture, Trape Spatula	Single-Armed	Trape Spatula	Suture  Description Nylon, Black Mono
	Single-armed suture, measures 10cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.10mm in diameter.	,		Length (cm)   10
			\_/	Length (mm)         5.5           Curve         7/16           Diam. (mm)         0.10
AB-1478S	Nylon Suture, Trape Spatula	Single-Armed	Trape Spatula	Suture  Description Nylon, Black Mono
	Single-armed suture, measures 15cm in length. Trape spatula needle, measures 6.0mm in length, 3/8 curve, and 0.14mm in diameter.		-	Length (cm)         15           Size         11-0 (0.1 metric)
			\_/	Needle   Length (mm)   6.0   Curve   3/8   Diam. (mm)   0.14
				Diam. (mm) 0.14

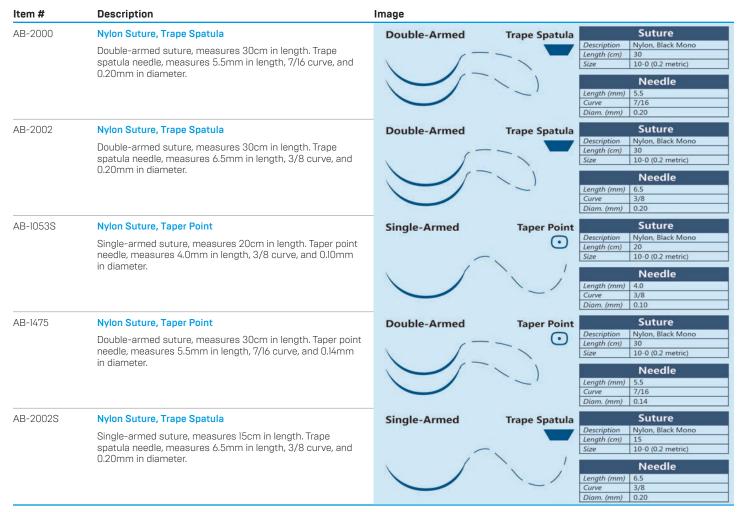
Item # Description Image

# Sutures 10-0 Nylon

Mani brand 10-0, black mono, nylon sutures with both single and double arms. Taper point and trape spatula needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.

	Double-Armed	Trape Spatula	Suture
Double-armed suture, measures 30cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.10mm in diameter.			Description   Nylon, Black Mono   Length (cm)   30
Nylon Suture, Taper Point	Single-Armed	<b>Taper Point</b>	Suture
Single-armed suture, measures 20cm in length. Taper point needle, measures 5.0mm in length, 3/8 curve, and 0.10mm in diameter.		· _ /	Description   Nylon, Black Mono   Length (cm)   20     Size   10-0 (0.2 metric)     Needle     Length (mm)   5.0     Curve   3/8   Diam. (mm)   0.10
Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
Double-armed suture, measures 30cm in length. Trape spatula needle, measures 5.0mm in length, bi-curve, and 0.14mm in diameter.	<u></u>		Description   Nylon, Black Mono
Nylon Suture, Trape Spatula	Single-Armed	Trape Spatula	Suture
Single-armed suture, measures 15cm in length. Trape spatula needle, measures 5.0mm in length, bi-curve, and 0.14mm in diameter.			Description   Nylon, Black Mono   Length (cm)   15
Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
Double-armed suture, measures 30cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.			Description   Nylon, Black Mono   Length (cm)   30
Nylon Suture, Trape Spatula	Single-Armed	Trape Spatula	Suture  Description Nylon, Black Mono
Single-armed suture, measures 15cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.			Length (rm)   15
Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
Double-armed suture, measures 30cm in length. Trape spatula needle, measures 6.0mm in length, 3/8 curve, and 0.14mm in diameter.			Description   Nylon, Black Mono
	Nylon Suture, Trape Spatula  Single-armed suture, measures 20cm in length. Taper point needle, measures 5.0mm in length, 3/8 curve, and 0.10mm in diameter.  Nylon Suture, Trape Spatula  Double-armed suture, measures 30cm in length. Trape spatula needle, measures 5.0mm in length, bi-curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula  Single-armed suture, measures 15cm in length. Trape spatula needle, measures 5.0mm in length, bi-curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula  Single-armed suture, measures 30cm in length, Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula  Single-armed suture, measures 15cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.	Single-Armed  Nylon Suture, Taper Point Single-armed suture, measures 20cm in length. Taper point needle, measures 5.0mm in length, 3/8 curve, and 0.10mm in diameter.  Nylon Suture, Trape Spatula Double-armed suture, measures 30cm in length. Trape spatula needle, measures 5.0mm in length, bi-curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula Single-armed suture, measures 15cm in length. Trape spatula needle, measures 5.0mm in length, bi-curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula Double-armed suture, measures 30cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula Single-armed suture, measures 15cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula Single-armed suture, measures 5.5mm in length. Trape spatula needle, measures 5.5mm in length. Trape spatula needl	spatula needle, measures 5.5mm in length, 7/16 curve, and 0.10mm in diameter.  Nylon Suture, Taper Point Single-armed suture, measures 20cm in length. Taper point needle, measures 5.0mm in length, 3/8 curve, and 0.10mm in diameter.  Nylon Suture, Trape Spatula Double-armed suture, measures 30cm in length. Trape spatula needle, measures 5.0mm in length, bi-curve, and 0.14mm in diameter.  Single-armed suture, measures 5.0mm in length, bi-curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula Single-armed suture, measures 5.5mm in length, bi-curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula Double-armed suture, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula Single-armed suture, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula Single-armed suture, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula Double-armed suture, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula Double-armed suture, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.  Nylon Suture, Trape Spatula Double-armed suture, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.

Item #	Description	Image		
AB-1406S	Nylon Suture, Trape Spatula	Single-Armed	Trape Spatula	Suture
	Single-armed suture, measures 15cm in length. Trape spatula needle, measures 6.0mm in length, 3/8 curve, and 0.14mm in diameter.			Description   Nylon, Black Mono   Length (cm)   15
			\_/	Length (mm)         6.0           Curve         3/8           Diam. (mm)         0.14
AB-1410	Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture  Description Nylon, Black Mono
	Double-armed suture, measures 30cm in length. Trape spatula needle, measures 7.0mm in length, 1/2 curve, and 0.14mm in diameter.			Length (cm)   30
				Curve         1/2           Diam. (mm)         0.14
AB-1410S	Nylon Suture, Trape Spatula	Single-Armed	Trape Spatula	Suture  Description Nylon, Black Mono
	Single armed suture, measures 15cm in length. Trape spatula needle, measures 7.0mm in length, 1/2 curve, and 0.14mm in diameter.			Length (cm)   15
				Length (mm)   7.0
AB-1452	Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
	Double-armed suture, measures 15cm in length. Trape	,-		Description Nylon, Black Mono Length (cm) 15
	spatula needle, measures 6.0mm in length, 3/8 curve, and 0.14mm in diameter.	10-	- 1	Size 10-0 (0.2 metric)
				Needle Length (mm) 6.0
				Curve         3/8           Diam. (mm)         0.14
AB-1459	Nylon Suture, Taper Point	Double-Armed	Taper Point	Suture  Description Nylon, Black Mono
	Double-armed suture, measures 45cm in length. Taper point needle, measures 6.0mm in length, 3/8 curve, and 0.14mm	1-	\	Length (cm) 45 Size 10-0 (0.2 metric)
	in diameter.		- ( )	Needle
				Length (mm) 6.0 Curve 3/8
AB-1468S	Nylon Suture, Trape Spatula	Single-Armed	Trape Spatula	Diam. (mm) 0.14
AB 14000	Single-armed suture, measures 6cm in length. Trape spatula	Single-Armed	Trape Spatula	Description Nylon, Black Mono Length (cm) 6
	needle, measures 6.0mm in length, 3/8 curve, and 0.14mm in diameter.	,	-	Size 10-0 (0.2 metric)
				Needle Length (mm)   6.0
				Curve         3/8           Diam. (mm)         0.14
AB-1474	Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
	Double-armed suture, measures 20cm in length. Trape spatula needle, measures 5.0mm in length, bi-curve, and	. —		Description Nylon, Black Mono Length (cm) 20
	0.14mm in diameter.	\ /-		Size 10-0 (0.2 metric)  Needle
			)	Length (mm) 5.0 Curve Bi-curve
				Diam. (mm) 0.14
AB-1482	Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture  Description Nylon, Black Mono
	Double-armed suture, measures 15cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and			Length (cm)         15           Size         10-0 (0.2 metric)
	0.14mm in diameter.			Needle
				Length (mm)         5.5           Curve         7/16           Diam. (mm)         0.14
				Diam. (IIIII) V.14



#### Sutures 9-0 Nylon

Mani brand 9-0, black mono, nylon sutures with both single and double arms. Trape spatula needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.

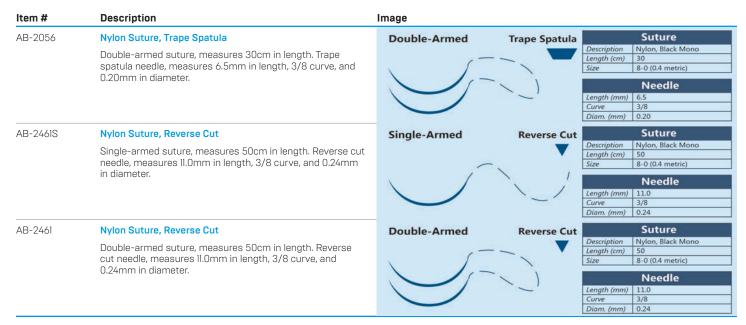
AB-1405	Nylon Suture, Trape Spatula  Double-armed suture, measures 30cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.	Double-Armed Trape Sp	Description   Nylon, Black Mono   Length (cm)   30
AB-1407	Nylon Suture, Trape Spatula  Double-armed suture, measures 30cm in length. Trape spatula needle, measures 6.0mm in length, 3/8 curve, and 0.14mm in diameter.	Double-Armed Trape Sp	Diam. (mm)   0.14

Item #	Description	Image		
AB-2003	Nylon Suture, Trape Spatula	Double-Armed 1	Trape Spatula	
	Double-armed suture, measures 30cm in length. Trape spatula needle, measures 6.5mm in length, 3/8 curve, and 0.20mm in diameter.			Description         Nylon, Black Mono           Length (cm)         30           Size         9-0 (0.3 metric)
				Length (mm)         6.5           Curve         3/8           Diam. (mm)         0.20
AB-1402	Nylon Suture, Trape Spatula	Double-Armed 1	Trape Spatula	
	Double-armed suture, measures 30cm in length. Trape spatula needle, measures 5.0mm in length, bi-curve, and 0.14mm in diameter.	,		Description         Nylon, Black Mono           Length (cm)         30           Size         9-0 (0.3 metric)
	o.i-4.1111 il didiriotoli.			Needle     Length (mm)   5.0     Curve   Bi-curve   Diam. (mm)   0.14
AB-1407S	Nylon Suture, Trape Spatula	Single-Armed 1	Trape Spatula	
	Single-armed suture, measures 15cm in length. Trape spatula needle, measures 6.0mm in length, 3/8 curve, and 0.14mm in diameter.			Description         Nylon, Black Mono           Length (cm)         15           Size         9-0 (0.3 metric)
	o.r4mm m diameter.		\	Needle     Length (mm)   6.0     Curve   3/8   Diam. (mm)   0.14
AB-2003S	Nylon Suture, Trape Spatula	Single-Armed 1	Trape Spatula	
	Single-armed suture, measures 15cm in length. Trape spatula needle, measures 6.5mm in length, 3/8 curve, and 0.20mm in diameter.			Description         Nylon, Black Mono           Length (cm)         15           Size         9-0 (0.3 metric)
	o.zomm m diametei.		\	Needle           Length (mm)         6.5           Curve         3/8           Diam. (mm)         0.20

### Sutures 8-0 Nylon

Mani brand 8-0, black mono, nylon sutures with both single and double arms. Trape spatula and reverse cut needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.

AB-1421	Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula Suture	
	Double-armed suture, measures 30cm in length. Trape Spatula needle, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.	V-	Description   Nylon, Black   Length (cm)   30   Size   8-0 (0.4 metrics)   Needle	ric)
			Length (mm)   5.5   Curve   7/16   Diam. (mm)   0.14	
AB-2028	Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula Suture	
	Double-armed suture, measures 30cm in length. Trape spatula needle, measures 7.0mm in length, 1/2 curve, and 0.20mm in diameter.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Description Nylon, Black Length (cm) 30 Size 8-0 (0.4 metr	
	0.2011111 III diametei.		Needle   Length (mm)   7.0   Curve   1/2   Diam. (mm)   0.20	
AB-2054	Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula Suture	
	Double-armed suture, measures 30cm in length. Trape spatula needle, measures 6.5mm in length, 1/4 curve, and 0.20mm in diameter.		Description Nylon, Black Length (cm) 30 Size 8-0 (0.4 metr	
	0.20Hill ill didiffeter.		Needle   Length (mm)   6.5   Curve   1/4   Diam. (mm)   0.20	



#### Sutures 7-0 Nylon

Mani brand 7-0, black mono, nylon sutures with both single and double arms. Trape spatula, lancet, cut taper, and reverse cut needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.



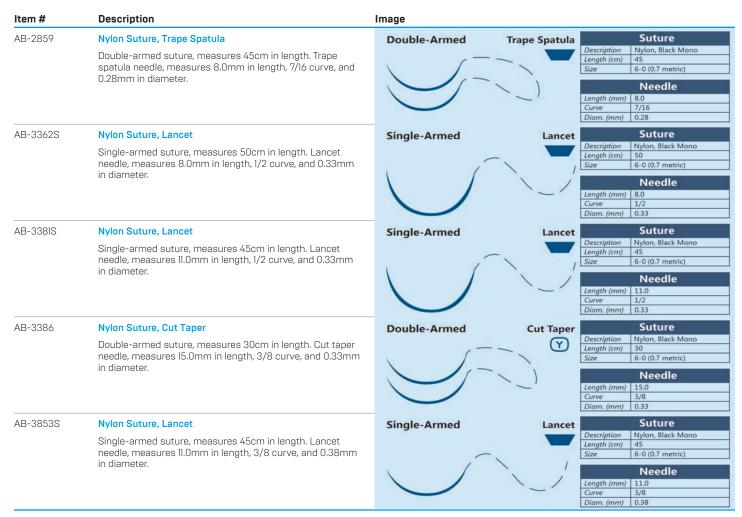
Item #	Description	Image		
AB-2463	Nylon Suture, Reverse Cut	Double-Armed	Reverse Cut	
	Double-armed suture, measures 30cm in length. Reverse cut needle, measures II.0mm in length, 3/8 curve, and 0.24mm in diameter.		<b>\</b>	Description   Nylon, Black Mono   Length (cm)   30     Size   7-0 (0.5 metric)     Needle     Length (mm)   11.0     Curve   3/8   Diam. (mm)   0.24
AB-2855	Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
	Double-armed suture, measures 45cm in length. Trape spatula needle, measures 8.0mm in length, 3/8 curve, and 0.28mm in diameter.			Description   Nylon, Black Mono   Length (cm)   45   Size   7-0 (0.5 metric)     Needle     Length (mm)   8.0   Curve   3/8   Diam. (mm)   0.28
AB-3364S	Nylon Suture, Lancet	Single-Armed	Lancet	Suture
	Single-armed suture, measures 50cm in length. Lancet needle, measures 11.0mm in length, 3/8 curve, and 0.33mm in diameter.			Description
AB-1457	Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
	Double-armed suture, measures 30cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.			Description   Nylon, Black Mono   Length (cm)   30     Size   7-0 (0.5 metric)     Size   T-0 (0.5 metric)     S
AB-3361	Nylon Suture, Lancet	Double-Armed	Lancet	Suture
	Double-armed suture, measures 30cm in length. Lancet needle, measures 8.0mm in length, 3/8 curve, and 0.33mm in diameter.			Description   Nylon, Black Mono   Length (cm)   30     Size   7-0 (0.5 metric)     Needle     Length (mm)   8.0     Curve   3/8     Diam. (mm)   0.33
AB-3361S	Nylon Suture, Lancet	Single-Armed	Lancet	Suture
	Single-armed suture, measures 45cm in length. Lancet needle, measures 8.0mm in length, 3/8 curve, and 0.33mm in diameter.			Description   Nylon, Black Mono   Length (cm)   45   Size   7-0 (0.5 metric)     Needle     Length (curve   3/8   Diam. (mm)   0.33
AB-3364	Nylon Suture, Lancet	Double-Armed	Lancet	Suture
	Double-armed suture, measures 50cm in length. Lancet needle, measures 11.0mm in length, 3/8 curve, and 0.33mm in diameter.			Description   Nylon, Black Mono   Length (cm)   50     5:ze   7-0 (0.5 metric)     Needle     Length (mm)   11.0     Curve   3/8     Diam. (mm)   0.33

Item # Description Image

#### Sutures 6-0 Nylon

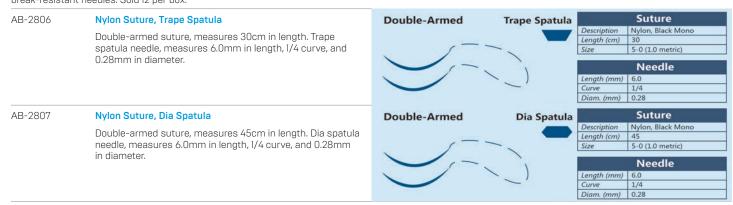
Mani brand 6-0, black mono, nylon sutures with both single and double arms. Trape spatula, lancet, cut taper, and reverse cut needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.

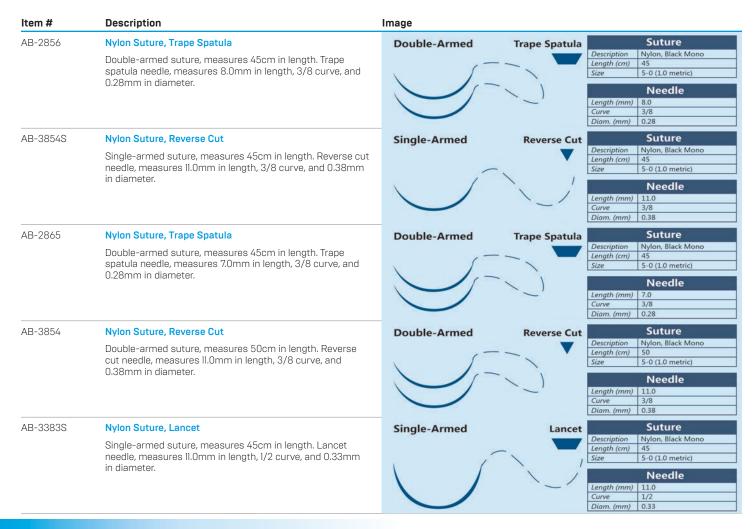
AB-2808	Nylon Suture, Reverse Cut	Double-Armed	<b>Reverse Cut</b>	Suture
	Double-armed suture, measures 30cm in length. Reverse cut needle, measures 13.0mm in length, 3/8 curve, and 0.28mm in diameter.		- \	Description         Nylon, Black Mono           Length (cm)         30           Size         6-0 (0.7 metric)
	S.25mm in didinated.		\_\	Needle     Length (mm)   13.0     Curve   3/8     Diam. (mm)   0.28
AB-2808S	Nylon Suture, Reverse Cut	Single-Armed	Reverse Cut	
	Single-armed suture, measures 20cm in length. Reverse cut needle, measures 13.0mm in length, 3/8 curve, and 0.28mm in diameter.		<b>V</b>	Description   Nylon, Black Mono   Length (cm)   20     Size     6-0 (0.7 metric)   Needle
			\_/	Length (mm)         13.0           Curve         3/8           Diam. (mm)         0.28
AB-2854	Nylon Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture  Description Nylon, Black Mono
	Double-armed suture, measures 45cm in length. Trape spatula needle, measures 8.0mm in length, 3/8 curve, and 0.28mm in diameter.	5-	-	Description   Nylon, Black Mono   Length (cm)   45     Size   6-0 (0.7 metric)   Needle
				Length (mm)   8.0     Curve   3/8     Diam. (mm)   0.28
AB-3363S	Nylon Suture, Lancet	Single-Armed	Lancet	Suture
	Single-armed suture, measures 45cm in length. Lancet needle, measures 13.0mm in length, 1/2 curve, and 0.33mm in diameter.			Description         Nylon, Black Mono           Length (cm)         45           Size         6-0 (0.7 metric)
				Length (mm) 13.0 Curve 1/2 Diam. (mm) 0.33
AB-3379S	Nylon Suture, Lancet	Single-Armed	Lancet	Suture  Description Nylon, Black Mono
	Single-armed suture, measures 30cm in length. Lancet needle, measures 7.0mm in length, 3/8 curve, and 0.33mm in diameter.			Description   Nylon, Black Mono   Length (cm)   30     Size   6-0 (0.7 metric)   Needle
			\_/	Length (mm)         7.0           Curve         3/8           Diam. (mm)         0.33
AB-3382	Nylon Suture, Lancet	Double-Armed	Lancet	Suture  Description Nylon, Black Mono
	Double-armed suture, measures 50cm in length. Lancet needle, measures 11.0mm in length, 3/8 curve, and 0.33mm in diameter.		-	Length (cm)         50           Size         6-0 (0.7 metric)
				Needle           Length (mm)         11.0           Curve         3/8           Diam. (mm)         0.33
AB-3382S	Nylon Suture, Lancet	Single-Armed	Lancet	Suture
	Single-armed suture, measures 45cm in length. Lancet needle, measures 11.0mm in length, 3/8 curve, and 0.33mm in diameter.			Description         Nylon, Black Mono           Length (cm)         45           Size         6-0 (0.7 metric)
			\_/	Length (mm)         11.0           Curve         3/8           Diam. (mm)         0.33



#### Sutures 5-0 Nylon

Mani brand 5-0, black mono, nylon sutures with both single and double arms. Lancet, reverse cut, dia spatula, and trape spatula needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.





### **POLYESTER**

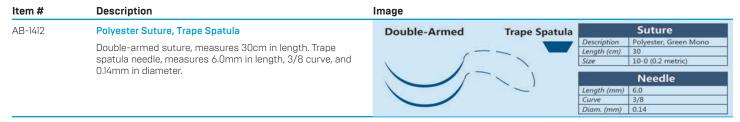
Item # Description Image

#### Sutures 10-0 Polyester

Mani brand 10-0, green mono, polyester sutures with double arms. Trape spatula needles ranging in length, curve, and diameter. Mani sutures are ideal for microsuturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.

AB-1411	Polyester Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
	Double-armed suture, measures 30cm in length. Trape spatula needle, measures 5.5mm in length, 7/16 curve, and 0.14mm in diameter.			Description   Polyester, Green Mono   Length (cm)   30     Size   10-0 (0.2 metric)
	C.I-FIIIT III didiffecel.		( )	Length (mm)         5.5           Curve         7/16           Diam. (mm)         0.14
AB-2017	Polyester Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
	Double-armed suture, measures 30cm in length. Trape spatula needle, measures 6.5mm in length, 3/8 curve, and 0.20mm in diameter.			Description         Polyester, Green Mono           Length (cm)         30           Size         10-0 (0.2 metric)
	0.20mm in diameter.			Needle     Length (mm)   6.5     Curve   3/8   Diam. (mm)   0.20

### **POLYESTER**



#### Sutures 5-0 Polyester

Mani brand 5-0, green or white braided, polyester sutures with double arms. Trape spatula, dia spatula, and taper point needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.

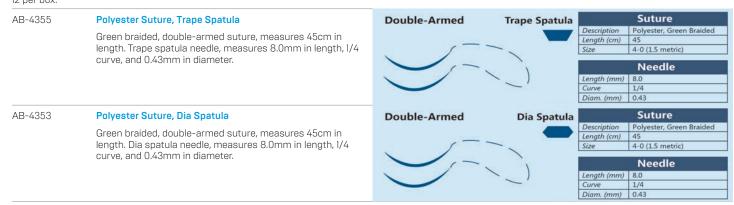
	<u> </u>			120
AB-2863	Polyester Suture, Dia Spatula	Double-Armed	Dia Spatula	Suture
	White braided, double-armed suture, measures 45cm in length. Dia spatula needle, measures 6.0mm in length, 1/4 curve, and 0.28mm in diameter.			Description         Polyester, White Braided           Length (cm)         45           Size         5-0 (1.0 metric)
			\ )	Needle Length (mm)   6.0
				Curve 1/4 Diam. (mm) 0.28
AB-3370	Polyester Suture, Dia Spatula	Double-Armed	Dia Spatula	Suture
	White braided, double-armed suture, measures 45cm in length. Dia spatula needle, measures 8.0mm in length, 1/4 curve, and 0.33mm in diameter.			Description         Polyester, White Braided           Length (cm)         45           Size         5-0 (1.0 metric)
			_)	Length (mm)         8.0           Curve         1/4           Diam. (mm)         0.33
AB-3376	Polyester Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
	Green braided, double-armed suture, measures 45cm in length. Trape spatula needle, measures 8.0mm in length, 1/4 curve, and 0.33mm in diameter.			Description         Polyester, Green Braided           Length (cm)         45           Size         5-0 (1.0 metric)
			_)	Length (mm)         8.0           Curve         1/4           Diam. (mm)         0.33
AB-3377	Polyester Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
	White braided, double-armed suture, measures 45cm in length. Trape spatula needle, measures 8.0mm in length, 1/4 curve, and 0.33mm in diameter.			Description         Polyester, White Braided           Length (cm)         45           Size         5-0 (1.0 metric)
			_)	Length (mm) 8.0  Curve 1/4  Diam. (mm) 0.33
AB-3371	Polyester Suture, Dia Spatula	Double-Armed	Dia Spatula	Suture  Description Polyester, White Braided
	White braided, double-armed suture, measures 45cm in length. Dia spatula needle, measures 8.0mm in length, 1/2 curve, and 0.33mm in diameter.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Length (cm)         45           Size         5-0 (1.0 metric)
				Length (mm)         8.0           Curve         1/2           Diam. (mm)         0.33
AB-3372	Polyester Suture, Dia Spatula	Double-Armed	Dia Spatula	
	White braided, double-armed suture, measures 45cm in length. Dia spatula needle, measures 6.0mm in length, 1/4 curve, and 0.33mm in diameter.			Description         Polyester, White Braided           Length (cm)         45           Size         5-0 (1.0 metric)
			<u> </u>	Needle           Length (mm)         6.0           Curve         1/4
				Diam. (mm) 0.33

### **POLYESTER**

Item #	Description	Image		
AB-3373	Polyester Suture, Dia Spatula  Green braided, double-armed suture, measures 45cm in length. Dia spatula needle, measures 8.0mm in length, 1/4 curve, and 0.33mm in diameter.	Double-Armed	Dia Spatula	Suture
AB-3380	Polyester Suture, Taper Point  White braided, double-armed suture, measures 75cm in length. Taper point needle, measures 10.0mm in length, 3/8 curve, and 0.33mm in diameter.	Double-Armed	Taper Point	Suture
AB-3374	Polyester Suture, Dia Spatula  Green braided, double-armed suture, measures 45cm in length. Dia spatula needle, measures 8.0mm in length, 1/4 curve, and 0.33mm in diameter.	Double-Armed	Dia Spatula	Suture
AB-3375	Polyester Suture, Dia Spatula  Green braided, double-armed suture, measures 45cm in length. Dia spatula needle, measures 6.0mm in length, 1/4 curve, and 0.33mm in diameter.	Double-Armed	Dia Spatula	Suture
AB-3378	Polyester Suture, Taper Point  Green braided, double-armed suture, measures 75cm in length. Taper point needle, measures 10.0mm in length, 3/8 curve, and 0.33mm in diameter.	Double-Armed	Taper Point	Suture

### **Sutures 4-0 Polyester**

Mani brand 4-0, green or white braided, polyester sutures with double arms. Trape spatula and dia spatula needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.



# **POLYESTER**

Item #	Description	Image		
AB-4356	Polyester Suture, Trape Spatula	Double-Armed	Trupe Spataia	uture
	White braided, double-armed suture, measures 45cm in length. Trape spatula needle, measures 8.0mm in length, I/4 curve, and 0.43mm in diameter.		Length (cm) 45 Size 4-0	
AB-4357	Polyester Suture, Dia Spatula	Double-Armed	Dia Spataia	uture
	White braided, double-armed suture, measures 45cm in length. Dia spatula needle, measures 6.5mm in length, 1/4 curve, and 0.43mm in diameter.		Length (cm) 45 Size 4-0	
AB-4352	Polyester Suture, Dia Spatula	Double-Armed	Dia Spataia	uture
	White braided, double-armed suture, measures 45cm in length. Dia spatula needle, measures 8.0mm in length, 1/4 curve, and 0.43mm in diameter.		Length (cm) 45 Size 4-0	

# **POLYGLYCOLIC ACID**

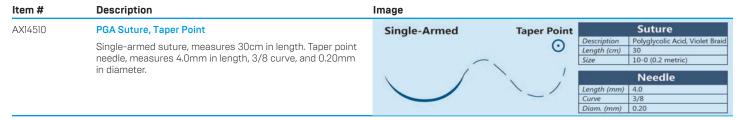
Item #	Description	Image

### Sutures 10-0 Polyglycolic Acid

Peters brand 10-0, violet braided, polyglycolic acid sutures with single and double arms. Spatula and taper point needles ranging in length, curve, and diameter. Sinus Point is the brand of sutures manufactured by Peters Surgical, with years of experience, exceptional know-how, and a 100% quality control guaranteeing an excellent product recognized by the best surgeons around the world. Sinus Point micro-needles are manufactured with the highest medical stainless steel AISI 304V. This material makes Peters sutures unbreakable. Sold 12 per box.

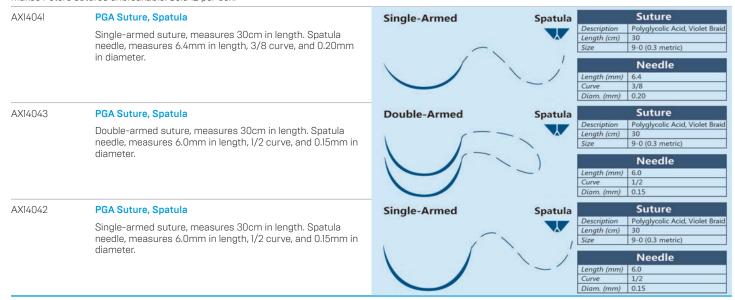
AX14039	PGA Suture, Spatula	Single-Armed Spate	
	Single-armed suture, measures 30cm in length. Spatula needle, measures 6.0mm in length, 1/2 curve, and 0.15mm in diameter.		Description   Polyglycolic Acid, Violet Braid   Length (cm)   30       Size   10-0 (0.2 metric)     Needle     Length (mm)   6.0       Curve   1/2       Diam. (mm)   0.15
AX14040	PGA Suture, Spatula	Double-Armed Spate	
	Double-armed suture, measures 30cm in length. Spatula needle, measures 6.4mm in length, 3/8 curve, and 0.20mm in diameter.		Description
AB-8137	PGA Suture, Taper Point	Single-Armed Taper Po	
	Single-armed suture, measures 15cm in length. Taper point needle, measures 5.0mm in length, 3/8 curve, and 0.20mm in diameter.		Description   Polyglycolic Acid, Violet Braid   Length (cm)   15

#### **POLYGLYCOLIC ACID**



#### Sutures 9-0 Polyglycolic Acid

Peters brand 9-0, violet braided, polyglycolic acid sutures with single and double arms. Spatula needles ranging in length, curve, and diameter. Sinus Point is the brand of sutures manufactured by Peters Surgical, with years of experience, exceptional know-how, and a 100% quality control guaranteeing an excellent product recognized by the best surgeons around the world. Sinus Point micro-needles are manufactured with the highest medical stainless steel AISI 304V. This material makes Peters sutures unbreakable. Sold 12 per box.



#### Sutures 8-0 Polyglycolic Acid

Peters and Mani brand 8-0, violet braided, polyglycolic acid sutures with single and double arms. Spatula, trape spatula, and taper point needles ranging in length, curve, and diameter. Mani and Peters brand sutures are high-quality products with strong and break-resistant needles. Sold 12 per box.

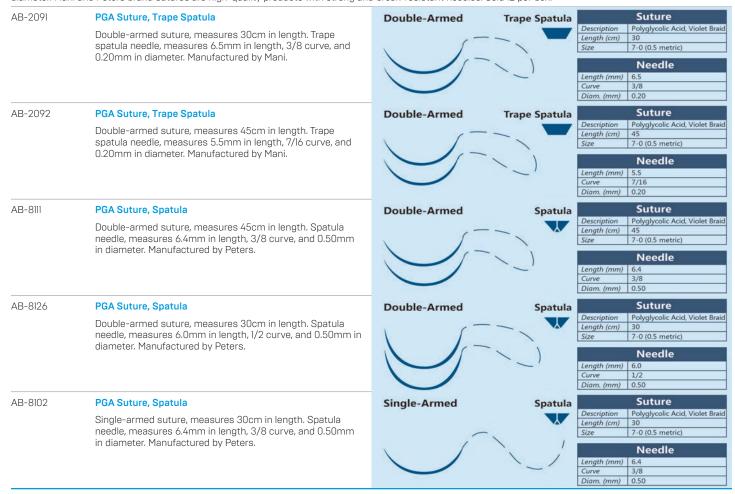
AB-2090	PGA Suture, Spatula	Double-Armed Trape Spatula Suture
	Double-armed suture, measures 30cm in length. Trape spatula needle, measures 6.5mm in length, 3/8 curve, and 0.20mm in diameter. Manufactured by Mani.	Description Polyglycolic Acid, Violet Braid Length (cm) 30 Size 8-0 (0.4 metric)
		Needle
AB-8109	PGA Suture, Taper Point	Single-Armed Taper Point Suture
	Single-armed suture, measures 30cm in length. Taper point needle, measures 6.4mm in length, 3/8 curve, and 0.40mm in diameter. Manufactured by Peters.	Description Polyglycolic Acid, Violet Braid Length (cm) 30 Size 8-0 (0.4 metric)
	in diameter, Mandiactured by Feters.	Needle
AB-8112	PGASuture, Spatula	Double-Armed Spatula Suture
	Double-armed suture, measures 30cm in length. Spatula needle, measures 6.4mm in length, 3/8 curve, and 0.40mm in diameter. Manufactured by Peters.	Description   Polyglycolic Acid, Violet Braid   Length (cm)   30   Size   8-0 (0.4 metric)
	in diameter, Plandiactured by Feters.	Needle   Length (mm)   6.4   Curve   3/8
		Diam. (mm) 0.40

#### **POLYGLYCOLIC ACID**

Item # Description Image

#### Sutures 7-0 Polyglycolic Acid

Peters and Mani brand 7-0, violet braided, polyglycolic acid sutures with single and double arms. Spatula and trape spatula needles ranging in length, curve, and diameter. Mani and Peters brand sutures are high-quality products with strong and break-resistant needles. Sold 12 per box.



#### Sutures 6-0 Polyglycolic Acid

Peters and Mani brand 6-0, violet braided, polyglycolic acid sutures with single and double arms. Dia spatula, trape spatula, spatula, and reverse cut needles ranging in length, curve, and diameter. Mani and Peters brand sutures are high-quality products with strong and break-resistant needles. Sold 12 per box.

AB-2490	PGA Suture, Trape Spatula  Double-armed suture, measures 45cm in length. Trape spatula needle, measures 6.5mm in length, 1/4 curve, and 0.24mm in diameter. Manufactured by Mani.	Double-Armed	Trape Spatula	Description
AB-2890	PGA Suture, Dia Spatula  Double-armed suture, measures 45cm in length. Dia spatula needle, measures 8.5mm in length, 1/4 curve, and 0.28mm in diameter. Manufactured by Mani.	Double-Armed	Dia Spatula	Description

# **POLYGLYCOLIC ACID**

Item #	Description	Image		
AB-8117	PGA Suture, Spatula  Double-armed suture, measures 45cm in length. Spatula needle, measures 8.0mm in length, 1/4 curve, and 0.70mm in diameter. Manufactured by Peters.	Double-Armed	Spatula	Description   Polyglycolic Acid, Violet Braid
AB-8127	PGA Suture, Spatula	Double-Armed	Spatula	
	Double-armed suture, measures 30cm in length. Spatula needle, measures 6.4mm in length, 1/2 curve, and 0.70mm in diameter. Manufactured by Peters.	\ \ \( \)		Description Polyglycolic Acid, Violet Braid Length (cm) 30 Size 6-0 (0.7 metric)
	,		_)	Length (mm)         6.4           Curve         1/2           Diam. (mm)         0.70
AB-8138	PGA Suture, Reverse Cut	Single-Armed Re	verse Cut	
	Single-armed suture, measures 45cm in length. Reverse cut needle, measures 12.0mm in length, 3/8 curve, and 0.70mm in diameter. Manufactured by Peters.		<b>V</b>	Description Polyglycolic Acid, Violet Braid Length (cm) 45 Size 6-0 (0.7 metric)
				Length (mm)         12.0           Curve         3/8           Diam. (mm)         0.70
AX14045	PGA Suture, Reverse Cut	Double-Armed Re	verse Cut	
	Double-armed suture, measures 45cm in length. Reverse cut needle, measures 8.0mm in length, 3/8 curve, and 0.70mm in diameter. Manufactured by Peters.		▼	Description Polyglycolic Acid, Violet Braid Length (cm) 45 Size 6-0 (0.7 metric)
	,		)	Length (mm)         8.0           Curve         3/8           Diam. (mm)         0.70

### Sutures 5-0 Polyglycolic Acid

Peters and Mani brand 5-0, violet braided, polyglycolic acid sutures with single and double arms. Dia spatula, spatula, and reverse cut needles ranging in length, curve, and diameter. Mani and Peters brand sutures are high-quality products with strong and break-resistant needles. Sold 12 per box.

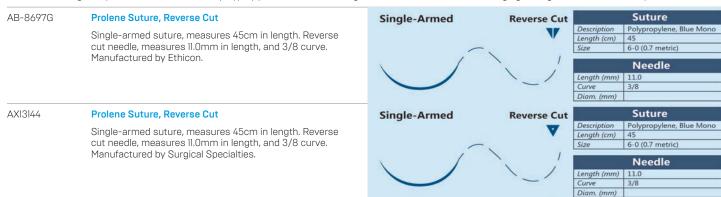
AB-3391	PGA Suture, Dia Spatula	Double-Armed Dia Spatula Suture
	Double-armed suture, measures 45cm in length. Dia spatula needle, measures 8.5mm in length, 1/4 curve, and 0.33mm in diameter. Manufactured by Mani.	Description   Polyglycolic Acid, Violet Braid   Length (cm)   45   Size   5-0 (1.0 metric)    Length (mm)   8.5   Curve   1/4   Diam. (mm)   0.33
AB-8123	PGA Suture, Spatula	Double-Armed Spatula Suture
	Double-armed suture, measures 45cm in length. Spatula needle, measures 8.0mm in length, 1/4 curve, and 1.0mm in diameter. Manufactured by Peters.	Description
AX14046	PGA Suture, Reverse Cut	Single-Armed Reverse Cut Suture
	Single-armed suture, measures 45cm in length. Reverse cut needle, measures 16.0mm in length, 1/2 curve, and 1.0mm in diameter. Manufactured by Peters.	Description   Polyglycolic Acid, Violet Braid   Length (cm)   45   Size   5-0 (1.0 metric)     Needle     Length (mm)   16.0     Curve   1/2   Diam. (mm)   1.0

### **POLYPROPYLENE**

Item # Description Image

# Sutures 6-0 Polypropylene

Ethicon and Surgical Specialties brand 6-0, blue polypropylene sutures with single arms. Reverse cut needles ranging in length and curve. Sold 12 per box.



#### SILK

Item # Description Image

#### Sutures 8-0 Silk

Mani brand 8-0, black braided, silk sutures with both single and double arms. Trape spatula needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.

AB-1467	Silk Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
	Double-armed suture, measures 45cm in length. Trape spatula needle, measures 6.0mm in length, 3/8 curve, and 0.18mm in diameter.			Description   Silk, Black Braided   Length (cm)   45
AB-2023	Silk Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
	Double-armed suture, measures 45cm in length. Trape spatula needle, measures 6.5mm in length, 3/8 curve, and 0.20mm in diameter.			Description   Silk, Black Braided   Length (cm)   45
AB-2023S	Silk Suture, Trape Spatula	Single-Armed	Trape Spatula	Suture
	Single-armed suture, measures 20cm in length. Trape spatula needle, measures 6.5mm in length, 3/8 curve, and 0.20mm in diameter.			Description   Silk, Black Braided   Length (cm)   20     Size   8-0 (0.4 metric)

Item # Description Image

### Sutures 7-0 Silk

Mani brand 7-0, black or white braided, silk sutures with both single and double arms. Trape spatula and lancet needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.

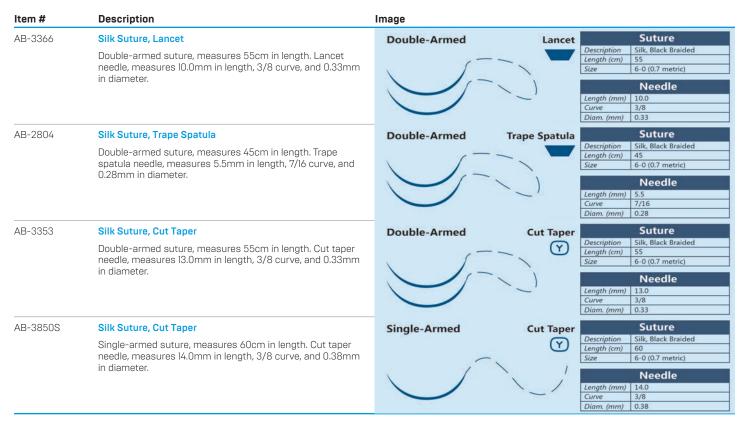
AB-2008	Silk Suture, Trape Spatula	Double-Armed	Trape Spatula	Suture
	Black braided, double-armed suture, measures 45cm in length. Trape spatula needle, measures 6.5mm in length, 3/8 curve, and 0.20mm in diameter.			Description   Silk, Black Braided
AB-2008S	Silk Suture, Trape Spatula	Single-Armed	Trape Spatula	Suture
	Black braided, single-armed suture, measures 30cm in length. Trape spatula needle, measures 6.5mm in length, 3/8 curve, and 0.20mm in diameter.			Description   Silk, Black Braided   Length (cm)   30
AB-2063	Silk Suture, Trape Spatula	Double-Armed	Trape Spatula	Diam. (mm) 0.20
7.B 2000	Black braided, double-armed suture, measures 30cm in length. Trape spatula needle, measures 6.5mm in length, 3/8 curve, and 0.20mm in diameter.	Double-Aimed	- Trape Spatula	Description         Silk, Black Braided           Length (cm)         30           Size         7-0 (0.5 metric)
			\_)	Length (mm)         6.5           Curve         3/8           Diam. (mm)         0.20
AB-2062S	Silk Suture, Trape Spatula	Single-Armed	Trape Spatula	Suture
	Black braided, single-armed suture, measures 45cm in length. Trape spatula needle, measures 8.0mm in length, 1/2 curve, and 0.20mm in diameter.			Description   Silk, Black Braided
AB-2068S	Silk Suture, Trape Spatula	Single-Armed	Trape Spatula	Suture
	White braided, single-armed suture, measures 45cm in length. Trape spatula needle, measures 8.0mm in length, 1/2 curve, and 0.20mm in diameter.	\		Description         Silk, White Braided           Length (cm)         45           Size         7-0 (0.5 metric)
			\_/	Needle     Length (mm)   8.0     Curve   1/2   Diam. (mm)   0.20
AB-2860S	Silk Suture, Lancet	Single-Armed	Lancet	Suture
	Black braided, single-armed suture, measures 50cm in length. Lancet needle, measures 7.0mm in length, 3/8 curve, and 0.28mm in diameter.			Description         Silk, Black Braided           Length (cm)         50           Size         7-0 (0.5 metric)
			\_/	Needle

Item # Description Image

#### Sutures 6-0 Silk

Mani brand 6-0, black braided, silk sutures with both single and double arms. Trape spatula, lancet, reverse cut, and cut taper needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.

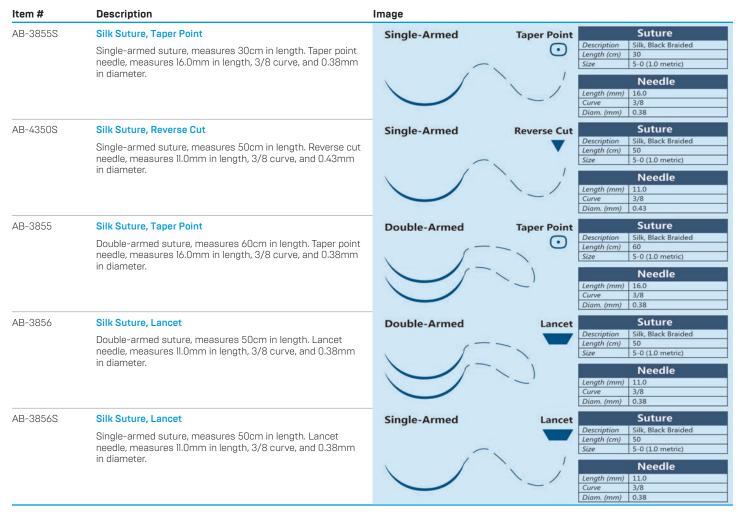
AB-2801	Silk Suture, Trape Spatula	<b>Double-Armed</b>	Trape Spatula	Suture
	Double-armed suture, measures 45cm in length. Trape spatula needle, measures 6.5mm in length, 3/8 curve, and 0.28mm in diameter.	1-		Description         Silk, Black Braided           Length (cm)         45           Size         6-0 (0.7 metric)
				Length (mm)         6.5           Curve         3/8           Diam. (mm)         0.28
AB-2805	Silk Suture, Reverse Cut	Double-Armed	Reverse Cut	Suture
	Double-armed suture, measures 45cm in length. Reverse cut needle, measures 8.0mm in length, 5/16 curve, and 0.28mm in diameter.	5	<b>-</b>	Description   Silk, Black Braided
				Curve         5/16           Diam. (mm)         0.28
AB-2853	Silk Suture, Reverse Cut	Double-Armed	Reverse Cut	Suture  Description   Silk, Black Braided
	Double-armed suture, measures 45cm in length. Reverse cut needle, measures 7.0mm in length, 3/8 curve, and 0.28mm in diameter.		<b>-</b>	Length (cm)         45           Size         6-0 (0.7 metric)
				Needle     Length (mm)   7.0     Curve   3/8   Diam. (mm)   0.28
AB-3305	Silk Suture, Reverse Cut	Double-Armed	Reverse Cut	Suture
	Double-armed suture, measures 45cm in length. Reverse cut needle, measures 11.0mm in length, 3/8 curve, and 0.33mm in diameter.	1-	<b>T</b>	Description   Silk, Black Braided
				Length (mm)   11.0     Curve   3/8     Diam. (mm)   0.33
AB-3305S	Silk Suture, Reverse Cut	Single-Armed	Reverse Cut	Suture
	Single-armed suture, measures 45cm in length. Reverse cut needle, measures 11.0mm in length, 3/8 curve, and 0.33mm in diameter.		<b>V</b>	Description   Silk, Black Braided
			\_/	Length (mm)   11.0
AB-3354S	Silk Suture, Trape Spatula	Single-Armed	Trape Spatula	Suture  Description   Silk, Black Braided
	Single-armed suture, measures 50cm in length. Trape spatula needle, measures 10.0mm in length, 3/8 curve, and 0.33mm in diameter.	,		Length (cm)         50           Size         6-0 (0.7 metric)
			\_/	Needle
AB-3356	Silk Suture, Taper Point	Double-Armed	<b>Taper Point</b>	Suture
	Double-armed suture, measures 55cm in length. Taper point needle, measures 13.0mm in length, 3/8 curve, and 0.33mm in diameter.	1-	- 0	Description         Silk, Black Braided           Length (cm)         55           Size         6-0 (0.7 metric)
				Length (mm)         13.0           Curve         3/8           Diam. (mm)         0.33



### Sutures 5-0 Silk

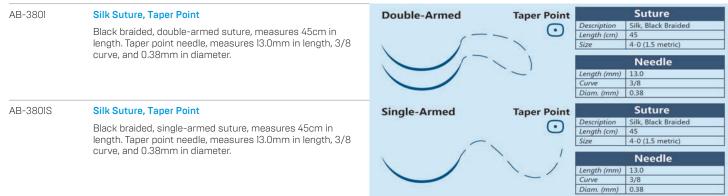
Mani brand 5-0, black braided, silk sutures with both single and double arms. Lancet, reverse cut, and taper point needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.

AB-3355	Silk Suture, Taper Point	Double-Armed Taper Point Suture
	Double-armed suture, measures 45cm in length. Taper point needle, measures 13.0mm in length, 3/8 curve, and 0.33mm in diameter.	Description   Silk, Black Braided     Length (cm)   45
AB-3355S	Silk Suture, Taper Point	Single-Armed Taper Point Suture
	Single-armed suture, measures 30cm in length. Taper point needle, measures 13.0mm in length, 3/8 curve, and 0.33mm in diameter.	Description   Silk, Black Braided   Length (cm)   30   Size   5-0 (1.0 metric)
AB-3358S	Silk Suture, Reverse Cut	Single-Armed Reverse Cut Suture
	Single-armed suture, measures 50cm in length. Reverse cut needle, measures 13.0mm in length, 3/8 curve, and 0.33mm in diameter.	Description   Silk, Black Braided   Length (cm)   50     Size   5-0 (1.0 metric)



#### Sutures 4-0 Silk

Mani brand 4-0, black or white braided, silk sutures with both single and double arms. Taper point, reverse cut, cut taper, dia spatula, and lancet needles ranging in length, curve, and diameter. Mani sutures are ideal for micro-suturing on the cornea and sclera during eye surgery. Ultimate sharpness is obtained through the "cross-lapped edge" technique giving each suture a fine and sharp tip ensuring minimally invasive wound closure. Mani hard fiber stainless steel is used to make strong and break-resistant needles. Sold 12 per box.



Item #	Description	Image		
AB-3851	Silk Suture, Taper Point	Double-Armed	Taper Point	
	Black braided, double-armed suture, measures 55cm in length. Taper point needle, measures 13.0mm in length, 3/8 curve, and 0.38mm in diameter.		0	Description
AB-4300	Silk Suture, Reverse Cut	Double-Armed	Reverse Cut	Market and the second of the s
	Black braided, double-armed suture, measures 45cm in length. Reverse cut needle, measures 13.0mm in length, 7/16 curve, and 0.43mm in diameter.			Description   Silk, Black Braided
AB-4351	Silk Suture, Reverse Cut	Double-Armed	Reverse Cut	
	Black braided, double-armed suture, measures 50cm in length. Reverse cut needle, measures 13.0mm in length, 3/8 curve, and 0.43mm in diameter.			Description
AB-4351S	Silk Suture, Reverse Cut	Single-Armed	Reverse Cut	Diam. (mm) 0.43
71D 40010	Black braided, single-armed suture, measures 50cm in length. Reverse cut needle, measures 13.0mm in length, 3/8	Single-Armed	V V	Description         Silk, Black Braided           Length (cm)         50           Size         4-0 (1.5 metric)
	curve, and 0.43mm in diameter.		\	Needle   Length (mm)   13.0   Curve   3/8   Diam. (mm)   0.43
AB-5351	Silk Suture, Taper Point	Double-Armed	Taper Point	
	Black braided, double-armed suture, measures 75cm in length. Taper point needle, measures 16.0mm in length, 1/2 curve, and 0.53mm in diameter.		• • • • • • • • • • • • • • • • • • •	Description   Silk, Black Braided   Length (cm)   75   Size   4-0 (1.5 metric)
AB-4302S	Silk Suture, Cut Taper	Single-Armed	Cut Taper	Suture
	Black braided, single-armed suture, measures 75cm in length. Cut taper needle, measures 14.0mm in length, 3/8 curve, and 0.43mm in diameter.		<b>(2)</b>	Description
AB-4359	Silk Suture, Lancet	Double-Armed	Lancet	Diam. (mm) 0.43
AB 4007	Black braided, double-armed suture, measures 55cm in length. Lancet needle, measures 13.0mm in length, 3/8 curve, and 0.43mm in diameter.	Double-Armed	Lancet	Description Silk, Black Braided Length (cm) 55 Size 4-0 (1.5 metric)
				Needle     Length (mm)   13.0     Curve   3/8     Diam. (mm)   0.43
AB-4359S	Silk Suture, Lancet	Single-Armed	Lancet	Suture
	Black braided, single-armed suture, measures 50cm in length. Lancet needle, measures 13.0mm in length, 3/8 curve, and 0.43mm in diameter.			Description   Silk, Black Braided   Length (cm)   50     Size     4-0 (1.5 metric)     Needle
			\_/	Length (mm)   13.0     Curve   3/8     Diam. (mm)   0.43

Item #	Description	Image
AB-3857	Silk Suture, Taper Point	Double-Armed Taper Point Suture
	White braided, double-armed suture, measures 45cm in length. Taper point needle, measures 25.0mm in length, 7/16	Description   Silk, White Braided   Length (cm)   45   Size   4-0 (1.5 metric)
	curve, and 0.38mm in diameter.	Needle   Length (mm)   25.0   Curve   7/16   Diam. (mm)   0.38
AB-4360	Silk Suture, Dia Spatula	Double-Armed Dia Spatula Suture
	White braided, double-armed suture, measures 60cm in length. Dia spatula needle, measures 6.5mm in length, 1/4 curve, and 0.43mm in diameter.	Description   Silk, White Braided   Length (cm)   60   Size   4-0 (1.5 metric)
	cui ve, anu u.45mm in ulametel.	Needle   Length (mm)   6.5   Curve   1/4   Diam. (mm)   0.43



Item # Description Image

### **Exam Gown**

Exam gowns are an efficient way to offer patients a high level of privacy during exams while saving your facility laundry expenses. These disposable gowns are blue in color and designed with the patient's comfort in mind, while staying at an affordable price. Non-sterile and latex-free. Sold 50 per box.

AXI5I94 Large Exam Gown

Medline patient gown that is made from a multi-layer fabric. Can be worn with opening in the front or back and the tie is attached to the gown for a snug fit. Regular/large in size with short sleeves.



AXI2076 Universal Exam Gown

McKesson exam gown that is made from 3-ply tissue/poly/ tissue. Comes with a waist belt and measures  $30 \times 42$  inches and fits most adults. Sleeves are short with no cuffs.



### Isolation and Fluid-Resistant Surgical Gown

McKesson Isolation and Fluid-Resistant Gowns are designed for comfort and flexibility of movement. They are made of a non-woven, durable material and feature elastic cuffs. These disposable gowns are non-sterile and are not made with natural rubber latex. Non-sterile, disposable.

### AXI3284 X-Large Surgical Gown

McKesson Protective Procedure Gown is made from polyethylene-coated, spunbounded polypropylene. Gown is yellow, long sleeves with elastic cuffs that fit snugly under gloves, unisex, and x-large adult size. Full back with neck and waist ties that offer individual size adjustment. Sold 10 per bag.



### Item # Description Image

### AX12077

### Universal Surgical Gown, Blue

Medi-Pak Performance Fluid-Resistant Gown is made from polyethylene-coated, spunbounded polypropylene. Gown is blue, long sleeves with elastic cuffs that fit snugly under gloves, unisex, and adult unisize. Open back with neck and waist ties that offer individual size adjustment. Sold 50 per hox



### AX11795

### Universal Surgical Gown, White

Medi-Pak Performance Fluid-Resistant Gown is made from polyethylene-coated, spunbounded polypropylene. Gown is white, long sleeves with elastic cuffs that fit snugly under gloves, unisex, and adult unisize. Full back with neck and waist ties that offer individual size adjustment. Sold 10 per



### AX13328

### Universal Surgical Gown

McKesson Fluid-Resistant Gown is made from polypropylene. Gown is yellow, long sleeves with elastic cuffs that fit snugly under gloves, unisex, and adult unisize. Full back with neck and waist ties that offer individual size adjustment. Sold 50 per box.



### Non-Skid Shoe Cover

Blue, non-skid shoe covers offer improved floor traction while having an elastic opening that provides a snug comfortable fit. Made from spunbound polypropylene. Latex-free and non-skid.

### AXI3364

### **Sport Shoe Cover**

Medline shoe cover made from spunbound polypropylene that is a breathable, fluid-repellent material. Blue cover with an elastic band for closure. Sport size fits almost any athletic shoe. Sold 100 per box.



### Item # Description Image

### AX11642

### Large Shoe Cover

Medline shoe cover made from spunbound polypropylene that is a breathable, fluid-repellent material. Blue cover with an elastic band for closure. Regular/large size fits up to men's size 12 but is generously sized for full-coverage protection. Sold 100 per box.



### AXII250

### X-Large Shoe Cover

Medline shoe cover made from spunbound polypropylene that is a breathable, fluid-repellent material. Blue cover with an elastic band for closure. X-large size fits up to men's size 15 but is generously sized for full-coverage protection. Sold 100 per box.



### AX0208

### X-Large Shoe Cover

Medline shoe cover made from spunbound polypropylene that is a breathable, fluid-repellent material. Blue cover with an elastic band for closure. X-large size fits up to men's size 15 but is generously sized for full-coverage protection. Sold 200 per box.



### AX10735

### **Universal Shoe Cover**

Dynarex shoe cover made from spunbound polypropylene that is sewn together instead of glued and offers greater strength. Blue cover with an elastic band for closure. Universal in size, fitting shoes small to large. Nonconductive. Sold 100 per box.



Item # Description Image

### **Smooth Bottom Shoe Cover**

Smooth covers are ideal for jobs that do not require a non-skid tread. Made from spunbound polypropylene that is sewn together instead of glued, offering greater strength. Latex-free. Dynarex blue shoe cover with an elastic band for a snug comfortable closure. Universal in size, fitting shoes small to large, non-conductive, and sold 100 per box.

AXI0388 Universal Shoe Cover



### **McKesson Bouffant Cap**

Bouffant cap made from non-sterile spunbound polypropylene that is lightweight but durable and permits increased airflow, keeping the wearer cool and comfortable during long surgical procedures. Latex-free. Blue cap with elastic band for closure. Sold 100 per box.

AXI4051 Large Bouffant Cap
21-inch large size.

AXI4488 X-Large Bouffant Cap
24-inch x-large size.



### Pro Series Bouffant Cap

Medline Pro Series Bouffant Caps comply with NFPA standards and are made from lightweight multi-ply polypropylene, which results in less linting. Double-stitched elastic band keeps caps flat and comfortable on the forehead. Latex-free. Butterfly printed cap with elastic band for closure. 24-inch large/regular size. Sold 500 per case.

AXI4349 Butterfly Bouffant Cap



Item # Description Image

### Single-Ply Bouffant Cap

Medline caps are made of single-ply spunbond polypropylene, which results in less linting and is latex-free. Caps comply with NFPA standards and have double-stitched elastic band for closure that keeps caps flat and comfortable on the forehead. Sold 100 per bag.

AX10923

Medium Bouffant Cap, Blue

Blue cap, 21-inch medium size.



AX10240

Large Bouffant Cap, White

White cap, 24-inch large/regular size.



AX11593

Large Bouffant Cap, Blue

Blue cap, 24-inch large/regular size.



Item # Description Image

### Surgeon Cap

Blue surgeon caps that feature traditional tie-on styling. Uses comfortable material that is ideal for extended wearing during surgeries. One size fits most. Sold 100 per box.

AXI3251

### McKesson Surgeon Cap

McKesson surgeon cap is made from blue scrim-reinforced, soft and absorbent material, with wide panel sides, ventilated crown, and adjustable fastening ties. Non-sterile and latexfree.



AX15314

### **Cardinal Surgeon Cap**

Cardinal blue nonwoven cap features traditional tieon styling, providing you with a comfortable fit without binding. Features absorbent non-sterile polyester top for breathability and comfort. Contains latex.



AX11823

### Halyard Surgeon Cap

Halyard surgeon cap is made from blue Kaycel material, and has adjustable fastening ties. Best suited for use in situations where there is no fluid contamination anticipated. Non-sterile.



### Item # Description Image

### **Surgical Gown**

These surgical gowns are extremely comfortable and provide the right level of protection during surgeries.

### AX15490

### **Small Surgical Gown**

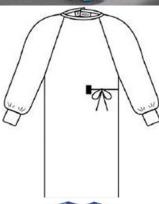
Halyard sterile surgical gown is made from polypropylene, which is a low-linting fabric. Gown is blue, long sleeve, and small adult in size. Includes towel, knit cuffs, closed back, and adjustable neckline with 3-snap closure. Sold 34 per box.



### AX10502

### Large Surgical Gown

Halyard sterile surgical gown is made from polypropylene, which is a low-linting fabric. Gown is blue, long sleeve, non-reinforced, and large adult in size. Includes towel, knit cuffs, closed back, and adjustable neckline with 2-snap closure. Sold 36 per box.



### AX14906

### Large Surgical Gown

The Aurora line provides an unbeatable combination of extreme comfort and high protection. No compromise is necessary with a premium blue fabric that's also incredibly strong. The fabric's high hydrostatic head protects the wearer, and its extreme breathability leaves the wearer feeling cool and unrestricted during procedures. AAMI level 3 protection. The gown is sterile, large in size, and closes with a hook and loop. Sold 30 per box.



### AX13262

### Large Surgical Gown

Astound sterile surgical gown is made from 3-layer microfiber, which is classified as AAMI level 3. Gown is blue, non-reinforced, long sleeve, and large adult in size. Includes towel, knit cuffs, closed back, and side tie closure. Sold 20 per box.



# AXI2039 X-Large Surgical Gown Halyard sterile surgical gown is made from polypropylene, which is a low-linting fabric. Gown is blue, long sleeve, and x-large adult in size. Includes towel, knit cuffs, closed back, and adjustable neckline with 3-snap closure. Sold 30 per box.

### **CAUTERIES**

Item #	Description	Image
Item #	Description	Ima

### **Change-a-Tip Cautery**

These replaceable battery and replaceable tip cauteries are the next advance in battery-operated cauteries where reusability is a must. These products are excellent for the office, ER, and clinical procedures.

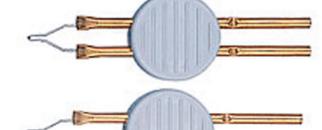
### AXII640 High-Temp Handle Replacement

Bovie high-temperature handle that includes one fine-tip non-sterile tip and one "AA" alkaline battery. Sold I per box.



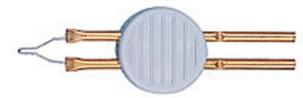
### AXII943 High-Temp Tip Replacement

Bovie high-temperature non-sterile fine-tip cautery tip. Replacement for Change-a-Tip handles. Sold 10 per box.



### AXI3426 Low-Temp Tip Replacement

Bovie low-temperature non-sterile fine-tip cautery tip. Replacement for Change-a-Tip handles. Sold 10 per box.



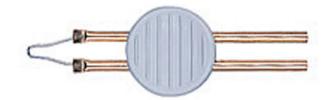
### AXI4343 Low-Temp Handle Replacement

Bovie low-temperature handle that includes one fine-tip non-sterile tip and one "AA" alkaline battery. Sold I per box.



### AXI5372 **High-Temp Tip Replacement**

Bovie high-temperature non-sterile loop-tip cautery tip. Replacement for Change-a-Tip handles. Sold 10 per box.



### **CAUTERIES**

Item # Description Image

### **High-Temperature Cautery**

High-temperature cauteries are popular for many types of procedures, including pinpoint hemostasis, evacuation of a subungual hematoma, controlling diffuse bleeders, and sculpting woven grafts. Cauteries are individually packaged, sterile, and sold 10 per box.

### AXI0170 Fine-Tip Cautery

Bovie high-temperature (2,200°F) fine-tip cautery. Protective cover cap is included for storage and safe disposal.



### AX10319 Loop-Tip Cautery

Medi-Pak high-temperature (2,200°F) loop-tip cautery.



### AXI4250 Microfine-Tip Cautery

Bovie high-temperature (2,000°F) microfine-tip cautery. Protective cover cap is included for storage and safe disposal.



### **Low-Temperature Cautery**

With a variety of low temperatures and fine tips the surgeon is ensured precise pinpoint hemostasis. These cauteries can be used in a variety of ophthalmic procedures. Cauteries are individually packaged, sterile, and sold 10 per box.

### AXI0339 Fine-Tip Cautery

Bovie low-temperature (1,300°F) fine-tip cautery. Protective cover cap is included for storage and safe disposal.



### AXII97I Microfine-Tip Cautery

Bovie low-temperature (850°F) microfine-tip cautery. Protective cover cap is included for storage and safe disposal.



### AXI5167 Fine-Tip Cautery

Accu-Temp low-temperature (1200°F) fine-tip cautery.



### **CAUTERIES**

Item # Description Image

### Eye Bubble

The Bovie eye bubble is a clear protective bubble that is to be used for ophthalmic procedures. Sold 10 per box.

AXI50I4 Eye Bubble



### **SCALPELS & BLADES**

Item # Description Image

### **BD Bard-Parker Scalpel Blade**

Offers the superior cutting advantages of carbon steel technology, including consistent sharpness, control, and strength. Packaged for safety and ease of use. Sterile. Sold 50 per box.

AXI5390 #10 Blade

Size 10 scalpel blade.



AX10919 #11 Blade

Size II scalpel blade. Carbon steel rib-back.



AXI398I **#11 Blade** 

Size II scalpel blade. Stainless steel.



AXI0126 #15 Blade

Size 15 scalpel blade. Carbon steel rib-back.



Item # Description Image

### **Beaver Mini-Blade**

Beaver's Mini-Blades are manufactured using a proprietary grindless technology that yields consistent sharpness and blade geometry and are available in a variety of designs to meet all small incision and excision needs. Beaver Mini-Blades are preassembled into a unique, patented tip, designed for safe assembly and ease of use. Each mini-blade is color coded for easy identification and has a screw handle. Sterile. Sold 20 per box.

AXI3843 #64 Blade

Size 64 blade that is grindless, rounded tip, and sharp on one side. Green.



AXI5329 #69 Blade

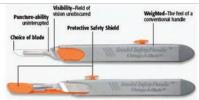
Size 69 blade that is grindless, straight, sharp all around, 180-degree cutting surface, and double bevel blade. Blue.



### Change-a-Blade Safety Scalpel Handle

This size 3 handle allows the surgeon to use the preferred choice of blade while eliminating hazard with a protective safety shield. Requires no change in surgeon's technique. Blade can be changed as often as needed throughout procedure. Same width, puncture-ability and visibility as a traditional scalpel handle. Sterile. Sold 48 per case.

AXI5435 Change-a-Blade



### Cincinnati Lance Blade

Size Il lance blade comes sterile. Lance sterile surgical blades enjoy the reputation for consistently longer lasting, unequaled cutting edges. All blades are individually wrapped in a peel-open package. Sterile. Sold 100 per box.

AXI0905 Cincinnati Lance Blade



Item # Description Image

### Cincinnati Surgical Blade Remover

The C/S blade remover assists in the safe removal of blades, thereby greatly reducing the risk of injury and infection. When ready to discard, the unit and its contents may be safely autoclaved and disposed of in a proper manner. Sold 10 per box.

AXI4249 Blade Removal System



### Cincinnati Surgical Blade

AX13360

Cincinnati Surgical blades have an unmatched reputation for quality. Both the stainless and carbon blades are manufactured of high grade British surgical steel, resulting in exceptional durability and sharpness. Individually wrapped in an easy-to-use peel-open package. Sterile. Sold 100 per box.

resulting in exceptional durability and sharpness. Individually wrapped in an easy-to-use peel-open package. Sterile. Sold IUU per box.

AXI5052 Surgical Blade #12

Surgical Blade #10 Size 10 surgical blade.

Size 12 surgical blade.



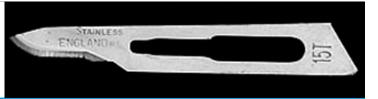
AX9810 Surgical Blade #11

Size II surgical blade.



AX98II Surgical Blade #15

Size 15 surgical blade.



Item # Description Image

### Miltex General-Purpose Blade

Stainless steel general-purpose blades are disposable and provide a smooth, sharp edge for a precise incision. Sterile. Sold 100 per box.

AX14189 Blade #11

Size II blade.



AXI5555 Blade #15

Size 15 blade.



### **Miniature Surgical Blade**

Sharp miniature blades that are made from high-quality surgical stainless steel and are designed for precise incisions. Sterile.

AXI0439 Cincinnati Blade #64

Size 64 miniature blade. Sold 25 per box. Manufactured by Cincinnati Surgical.



AXI0438 Cincinnati Blade #65

Size  $65\ \text{miniature}$  blade. Sold  $25\ \text{per}$  box. Manufactured by Cincinnati Surgical.



AXI3I95 Cincinnati Blade #67

Size 67 miniature blade. Sold 25 per box. Manufactured by Cincinnati Surgical.



AXII0II Cincinnati Blade #69

Size 69 miniature blade. Sold 25 per box. Manufactured by Cincinnati Surgical.



AXI3055 Surgistar Blade

15-degree pointed lance blade. Sold 12 per box. Manufactured by Surgistar.



Item #	Description	Image
AX14137	Surgistar Blade	
	Miniature blade with a round tip, sharp all around, and straight. Sold 6 per box. Manufactured by Surgistar.	
AX15106	Surgistar Blade	
	Miniature blade with a curved tip and sharp on one side. Sold 12 per box. Manufactured by Surgistar.	
AX15325	Surgistar Blade	_
	Miniature blade with a round tip and sharp on one side. Sold 12 per box. Manufactured by Surgistar.	
AX15324	Surgistar Blade	_
	Miniature blade with a 1.5mm chisel tip. Sold 12 per box. Manufactured by Surgistar.	

### Size 10 Disposable Scalpel

Size 10 sterile scalpels incorporate superior stainless steel blades on uniquely designed handles. Each scalpel is supplied with a flexible blade cover for complete user protection. Sterile. Sold 10 per box.

AX11213 Scalpel #10



### Size 11 Disposable Scalpel

Size II sterile scalpels incorporate superior stainless steel blades on uniquely designed handles. Sterile. Sold 10 per box.

AX10055 Cincinnati Scalpel

> Size II scalpel. Cincinnati Surgical scalpels incorporate superior stainless steel blade on a uniquely designed handle. Each scalpel is supplied with a flexible blade cover for

complete user protection.



AX14179 Miltex Scalpel

Size II scalpel. Manufactured by Miltex.



### Item # Description Image

### AXI4I9I Bard-Parker Scalpel

Size II scalpel. Manufactured by Aspen Surgical Products.



### Size 11 Safety Disposable Scalpel

Size II safety scalpels are designed to minimize the risk of surgical blade injuries with a retractable shield or retractable blade. Allows clinicians to easily and safely operate with one hand. Sterile. Sold IO per box.

### AXI5249 Moore Scalpel

Size II scalpel with a protective sheath that covers the blade, safeguarding against accidental cuts when removing the scalpel from the package, while passing the scalpel, and during disposal. Manufactured by Moore Medical.



### AXI3986 Miltex Blade

Size II safety retractable blade. Manufactured by Miltex.



### AXI5I60 Aspen Blade

Size II safety scalpel with retractable, locking shield. Manufactured by Aspen Surgical Products.



### AXI4280 McKesson Blade

Medi-Pak Performance safety scalpel with retractable blade that has three positions: USE, PASS, and DISPOSE, with steadfast disposal lock. Locks into USE position. Disposal lock status indicator. Manufactured by McKesson.



### Size 15 Disposable Scalpel

Size 15 sterile scalpels that incorporate superior stainless steel blades on uniquely designed handles. Sterile. Sold 10 per box.

### AXI0095 Cincinnati Scalpel

Size 15 scalpel. Superior stainless steel blade on a uniquely designed handle. Each scalpel is supplied with a flexible blade cover for complete user protection. Manufactured by Cincinati Surgical.



### 

### Size 15 Safety Disposable Scalpel

Size 15 safety scalpel designed to minimize the risk of surgical blade injuries with a retractable shield or retractable blade. Allows clinicians to easily and safely operate with one hand. Sterile. Sold 10 per box.

### AXII940 Miltex Scalpel Size I5 safety scalpel with retractable blade. Manufactured by Miltex.

AXI5I6I BD Scalpel
Size I5 safety scalpel with retractable, locking shield.

Manufactured by Aspen Surgical Products.



AX15190 McKesson Scalpel

Medi-Pak Performance safety scalpel with retractable blade that has three positions: USE, PASS, and DISPOSE, with steadfast disposal lock. Locks into USE position. Disposal lock status indicator. Manufactured by McKesson.



### Size 21 Disposable Scalpel

Size 2l scalpel that comes sterile. Cincinnati Surgical scalpels incorporate superior stainless steel blade on a uniquely designed handle. Each scalpel is supplied with a flexible blade cover for complete user protection. Sold 10 per box.

AXII240 Handle and Blade #21



Item # Description Image

### Surgistar Handle and Blade

Various types of blades that slide into handles as well as full handle and blade sets. Manufactured by Surgistar. Sterile. Sold 6 per box.

AXI3207 Blade #57

Scleral blade only that slides into a handle, #57. Standard US style.

AX14262 Blade #66

Lamellar blade only that slides into a handle, #66. Angled tip,

bevel up

AXI4425 Handle and Blade #57

Scleral blade and handle set, #57. Standard US style.



### **DRAPES**

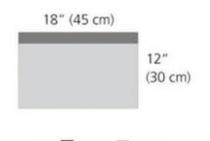
Item # Description Image

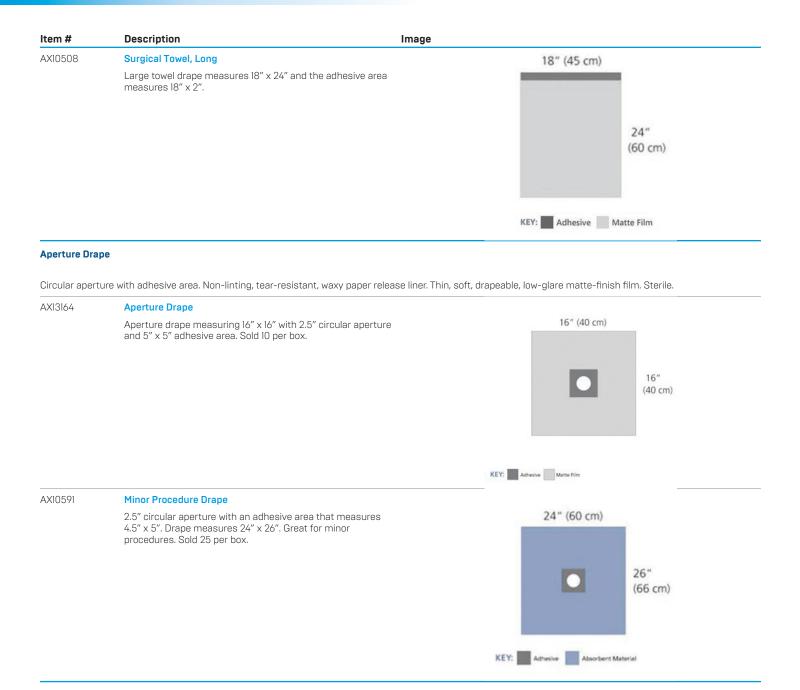
### **Adhesive Towel Drape**

These towel drapes feature an aggressive adhesive that leaves no residue, a non-linting, tear-resistant poly release liner, and a strong, drapable, low-glare matte finish film. Sterile. Sold 10 per box.

AXI0146 Surgical Towel, Short

This towel drape measures 18"  $\times$  12" and the adhesive area measures 18"  $\times$  1.5".





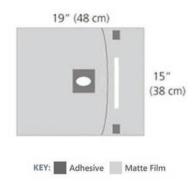
Item # Description Image

### **Aperture Pouch Drape**

Drape measures 19" x 15" with an oval aperture that measures 2.4" x 1.4". Adhesive around aperture measures 5" x 4" and adhesive tabs measure 2" x 2". Oval aperture with adhesive optimized for skin. Non-linting, tear-resistant, waxy paper release liner. Two adhesive tabs for additional support. Moldable strip for additional fluid control. Soft, drapeable, low-glare matte-finish film. Sterile. Sold 10 per box.

AX11696

**Aperture Pouch Drape** 



### **Convertors Mayo Stand Cover**

Sterile, single-use, reinforced poly mayo stand cover. Measures 22.75" x 55.5". Sold 30 per box.

AX11750

**Mayo Stand Cover** 

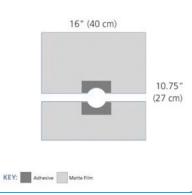


### **Convertors Refractive Drape**

Sterile, 2-piece drape with circle aperture. Adhesive square around aperture area. For use in LASIK, refractive, corneal, and lid/plastic procedures. Overall size is 16" x 10.75". Aperture measures 1.5" x 0.98" and adhesive area is 3" x 3". Sold 10 per box.

AX10432

**Convertors Refractive Drape** 



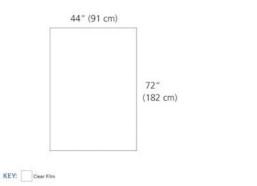
Item # Description Image

### **Drape Cover**

Clear, sterile poly cover used to cover table, as a barrier sheet or set up cover. Measures 44" x 72". Sold 25 per box.

AX11033

**Drape Cover** 



### **General-Purpose Drape**

General-purpose drapes. Unfenestrated and without pouches.

AX13674

### **Physical Exam Drape**

Nonsterile, general-purpose physical exam drape measuring  $40'' \times 48''$ . 2-ply, white, pebble-embossed, tissue drape. Sold 100 per box.



AX14908

### **Half Drape**

Sterile convertors, general-purpose half drape measuring 44"  $\times$  57". Sold 20 per box.



## AXII929 Utility Drape A 2-pack of sterile utility drapes measuring 25" x 15" with adhesive tape. Sold 2 drapes per pack and 100 packs per box.

### AXI3I85 Towel Drape

Sterile, general-purpose Best Value towel drape measuring 15" x 26" with adhesive strip. Sold 2 per pack.



### AXI4I05 Three-Quarter Drape

Sterile general-purpose Convertors Tiburon three-quarter drape. Measures  $57^{\prime\prime}$  x  $76^{\prime\prime}$  and is made with Tiburon fabric. Sold 20 per box.



### AX11506 X-Large Drape

Extra-large general-purpose drape measuring 77"  $\times$  98". Sterile. Sold 12 per box.



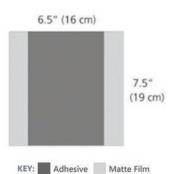
### Item # Description Image AX12042 **Half Drape** Sterile, general-purpose half drape measuring 60" x 44". Sold 54 per box. 60" 44" AX13441 Half Drape Sterile half surgical drape measures 40" x 58". Topof-the-line SMS fabric, composed of five strong fiber layers for exceptionally high barrier strength. Made of 100% polypropylene, SMS drapes are soft and drapeable. Composed with the latest generation SMS technology, drapes have smaller fibers and a more uniform fiber laydown. Sold 20 per box.

### **Incise Drape**

Sterile incise drape. Thin, conformable, low-glare matte finish film. Aggressive adhesive with no residue. Sold 10 per box.

### AX0951 Mini Incise Drape

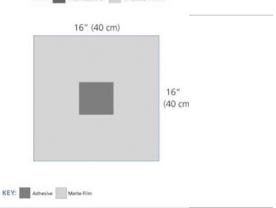
EENT mini incise drape with adhesive center. Drape measures  $6.5'' \times 7.5''$  with an adhesive area measuring  $4'' \times 7.5''$ 



### AXII886

### **Medium Incise Drape**

Incise drape measures 16" x 16" with an adhesive area measuring 5" x 5".

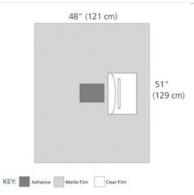




### Incise Drape with Pouch

Drape measures  $48" \times 51"$ . Adhesive area measures  $5" \times 4.5"$  and pouch measures  $10" \times 11"$ . Incise adhesive area. Non-linting, tear-resistant, waxy paper release liner. Fluid pouch with moldable strip for additional fluid control. Soft, drapeable, low-glare matte-finish film. Sterile. Sold 10 per box.

AXI0830 Incise Drape with Pouch



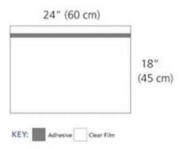
Item# Description Image

### **Instrument Cover**

Large instrument cover measures 24" x 18". Used to cover instruments or mayo stand. This drape features a strong, clear, poly film that is transparent for improved observation and provides a barrier to fluids. It also features an aggressive adhesive strip with no residue. Sterile. Sold 10 per box.

AX10525

**Instrument Cover** 



### **Medi-Pak Performance Drape**

Minor procedure Medi-Pack performance sterile field drape measures 18" x 26". Made out of tissue and poly. Unfenestrated. Sterile. Sold 50 per box.

AX14994

Medi-Pak Performance Drape



### Poly U Drape

Drape measures 48" x 52". Adhesive area measures 10" x 19" and "U" fenestration measures 6" x 19". "U" fenestration with wide adhesive area. Advanced adhesive provides excellent adhesion with no residue. Strong, drapeable, low-glare matte-finish film. Split, waxy paper liner for ease of application. Sterile. Sold 10 per box.

AX11032

Poly U Drape



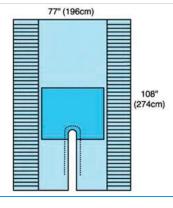
Item # Description Image

### **Split Sheet Drape**

Sterile Convertors Tiburon split sheet drape measures 77"  $\times$  108". With absorbent Iso Bac reinforcement measuring 28"  $\times$  38" and split adhesive. Surgical area measures 37"  $\times$  2.5". Sold 10 per box.

AX14460

**Split Sheet Drape** 



### **Towel Drape**

Disposable, sterile towel drapes for use in minor surgical or therapeutic procedures where a sterile field or drape is required. Poly-interlined, 3-ply construction — tissue/poly/tissue — provides absorbency while preventing possible moisture or bacteria migration. Sold 50 per box.

AX11347

Non-Fenestrated Drape

Drape measures 18" x 26" and is non-fenestrated.



AX11419

**Fenestrated Drape** 

Drape measures 18" x 26". Has 2.75" fenestrated opening.



### **EYE SHIELDS**

Item # Description Image

### Blue Eye Shield

Blue non-sterile polycarbonate pinhole shield, universal size with deep shell. Does not have guarder or padded lining, Sold 50 per box.

AX10494

Non-Sterile Blue Eye Shield



### **Clear Eye Shield**

Clear polycarbonate and plastic shields that allow for maximum comfort and protection for post-operative patients. Shields come sterile or non-sterile and are vented to reduce fogging. Adult and youth universal sizing with deep and standard shells.

AX10445

### Non-Sterile Clear Eye Shield

Clear non-sterile polycarbonate vented shield, universal size with deep shell. Does not have guarder or padded lining. Sold 50 per box.



AX12010

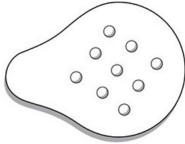
### Non-Sterile Clear Eye Shield

Clear non-sterile polycarbonate vented shield, universal size with deep shell. Does not have guarder or padded lining. Sold 100 per box.



### **EYE SHIELDS**

### Item # Description Image AX14116 Sterile Clear Eye Shield Clear sterile plastic vented shield, universal size with standard shell. Does not have guarder or padded lining. Sold AX15042 Non-Sterile Clear Eye Shield Clear non-sterile plastic vented shield, universal size with standard shell. Does not have guarder or padded lining. Sold 100 per bag. AX15346 Non-Sterile Clear Eye Shield Clear non-sterile polycarbonate vented shield, universal youth size with standard shell. Shield has foam lining but no guarder. Sold 25 per box. AX15723 Sterile Clear Eye Shield Clear sterile plastic vented shield, universal $3^{\prime\prime}$ x $2.5^{\prime\prime}$ size with standard shell. Does not have guarder or padded lining. Sold 50 per box.



### **EYE SHIELDS**

Item # Description Image

### **Gray Eye Shield**

Gray tinted non-sterile polycarbonate vented shield, universal size with deep shell. Does not have guarder or padded lining. Sold 50 per box.

AXI5590 Non-Sterile Gray Eye Shield



### **Metal Eye Shield**

Aluminum non-sterile pinhole shield, universal size with standard shell. Shield has a white thermoplastic guarded edge that is latex-free. No padded lining. Sold 50 per box.

AXI0193 Non-Sterile Metal Eye Shield



### **IRIS RETRACTORS**

Item # Description Image

### **Disposable Iris Retractor**

Sterile, disposable iris retractors. Used to gently stretch and stabilize the iris for increased visibility during surgery. The iris retractor is held in place by an adjustable silicone circle. Sold in set of 5.

AXI4020 Iris Retractor, Polypropylene

Polypropylene iris retractor.



### **IRIS RETRACTORS**

Item #	Description	Image
AX14139	Iris Retractor, Nylon	
	Nylon iris retractor.	

### **Reusable Iris Retractor**

Reusable, polypropylene iris retractors with autoclavable case. Used to gently stretch and stabilize the iris for increased visibility during surgery. The iris retractor is held in place by an adjustable silicone circle. Sold 6 per set and come in reusable autoclavable case.

AXI5156 Iris Retractors with Case



### **LIQUID BANDAGES**

Item # Description Image

### **Histoacryl Topical Skin Adhesive**

Histoacryl has been referenced in more than 1,200 publications world-wide and is one of the most used topical skin adhesives. This skin adhesive forms a strong bond that seals the wound quickly and inhibits the growth of bacteria. Aesculap Histoacryl Blue Topical Skin Adhesive liquid comes in a 0.5ml tube with a precision applicator tip that provides a precise controlled application. The active ingredient is n-butyl-2 cyanoacrylate.

AXI4287 **0.5ml Skin Adhesive** 



### **PVA PRODUCTS/WECK-CEL**

Item # Description Image

### **Corneal Light Shield**

Used to protect hinge and posterior side of corneal flap. Used to protect the retina from the operating microscope light. Sold 20 per box.

AX10089	Ultracell Corneal Light Shield	100
	Corneal light shield, 7mm (0.28"). Made from PVA material. Manufactured by Beaver-Visitec.	
AXII998	Merocel Corneal Light Shield	
	Corneal light shield, 8mm (0.3") diameter. Made from exclusive Merocel PVA material. The Merocel material is lint-free. Designed to provide the surgeon with a superior fiber-free product. Manufactured by Beaver-Visitec.	
AX15553	Corneal Light Shield	
	Coreneal light sheild, 8mm diameter (0.3″). Lint-free PVA material that keeps cornea moist. Manufactured by Hurricane Medical.	

### **Cellulose Eye Spear**

Made from highly absorbent, natural, cellulose material. Fast wicking action delivers quick absorption of blood and fluid from the surgical area. The flat tip provides precise application at the surgical incision. Light blue handle.

AX10087	Ultraspear Eye Spear	
	100 count, 5 per pouch, 20 pouches per box.	
AX10088	Ultraspear Eye Spear	
	200 count, 10 per pouch, 20 pouches per box.	The state of the s

### **PVA Eye Spear**

Various brand PVA eye spears made from highly absorbent Merocel polyvinyl acetal (PVA) material. Designed to benefit both the patient and surgeon, each device is absorbent and firm, allowing gentle manipulation of delicate tissues during LASIK and other corneal procedures. Triangle-shaped spearhead, set on a malleable, polypropylene handle. Latex-free.

AX10085	Accutome Eye Spear
	Blue handle. 100 count, 5 per pouch, 20 pouches per box.
AX10086	Accutome Eye Spear
	Blue handle. 200 count, 10 per pouch, 20 pouches per box.
AX15430	Keracel Eye Spear
	Red handle. 60 count, 3 per pouch, 20 pouches per box.
AX15429	Merocel Eye Spear
	Blue handle. 50 count, 5 per pouch, 10 pouches per box.
AX15643	Ultraspear Eye Spear
	Light blue handle. 100 count, 5 per pouch, 20 pouches per box.
AX15644	Ultraspear Eye Spear
	Light blue handle. 200 count, 10 per pouch, 20 pouches per box.

### **PVA PRODUCTS/WECK-CEL**

### Item # Description Image

### **LASIK PVA Disk**

Round surgical PVA sponge disks for LASIK surgery. Various size disks on plastic handles. One sterile round per pack. Sold 20 packs per box.

AXI0516

9mm LASIK Disk
Surgical rounds that measure 9mm in diameter.

AXI5118

7mm LASIK Disk
Surgical rounds that measure 7mm in diameter.



### **Ultracell Instrument Wipe**

This Ultracell PVA instrument wipe is used in the care and cleaning of surgical instruments. 2mm thick instrument wipe that measures 3 x 3 inches. Sold 20 per box.

AXI0092 Instrument Wipe



Item# Description Image

### **Derma Prene Ultra Surgical Gloves**

The Ansell Derma Prene Ultra surgical glove is powder-free and made from latex-free neoprene. It is a good choice for latex-sensitive (Type I) and chemical-sensitive (Type IV) health-care professionals and patients. The Derma Prene Ultra is dark green in color for instant identification as a natural rubber latex-free glove. The glove is typically 12 inches in length and has an enhanced, beaded cuff and SureFit Technology for extra coverage and protection on the forearm, and to maintain the glove's position on surgical gowns. Hand-specific, sterile, powder-free smooth surface. Straight cuffs, intended for single use. 11.9" long with 0.19mm fingertip thickness. Sold 50 pairs per box.

AXI1265	Derma Prene Gloves, Size 7
	Size 7 Derma Prene Ultra neoprene surgical gloves.
AX11774	Derma Prene Gloves, Size 7.5
	Size 7.5 Derma Prene Ultra neoprene surgical gloves.



### **Encore Acclaim Surgical Gloves**

The Encore Acclaim is Ansell's premier powder-free surgical glove made from natural rubber latex. The glove's thickness allows for a comfortable fit and excellent tactile sensitivity during surgical procedures in a single- or double-gloving environment. Its smooth finish provides worry-free instrument and suture control, and its low allergen levels help reduce the risk of latex sensitization in health-care workers and patients. Hand-specific, sterile, powder-free ivory gloves with smooth surface. Beaded cuffs, intended for single use, II.5" long with 0.25mm fingertip thickness. Sold 50 pairs per box.

AX10235	Encore Gloves, Size 6.5
	Size 6.5 Encore Acclaim latex surgical gloves.
AX11798	Encore Gloves, Size 7
	Size 7 Encore Acclaim latex surgical gloves.
AX11799	Encore Gloves, Size 7.5
AXII'/99	Encore Gloves, Size 7.5  Size 7.5 Encore Acclaim latex surgical gloves.
AXII799	



Item # Description Image

### **Encore Surgical Gloves**

Encore surgical gloves are powder-free and made from natural rubber latex. The gloves have a textured finish for superior grip and handling, and their low allergen levels help reduce the risk of latex sensitization in health-care workers and patients. Hand-specific, sterile, powder-free, ivory gloves with a fully textured surface. Each glove has beaded cuffs and is intended for single use. Size 6.5, 11.5" in length with a 0.23mm fingertip thickness. Manufactured by Ansell. Sold 50 pairs per box.

AXII369 Encore Gloves, Size 6.5



### **No Powder Surgical Gloves**

These latex gloves have a straight, reinforced cuff for extra coverage and protection on the forearm and a textured finish for superior grip and handling of instruments and sutures. Powder-free to help eliminate powder-related post-operative complications and sensitivity. Hand-specific, sterile, powder-free, ivory gloves with a fully textured surface. Each glove has straight cuffs and is intended for single use. II.8" in length with a 0.23mm fingertip thickness. Manufactured by Ansell. Sold 50 pairs per box.

AX10981	No Powder Gloves, Size 6.5
	Size 6.5 surgical gloves.
AX10943	No Powder Gloves, Size 7
	Size 7 surgical gloves.
AX10918	No Powder Gloves, Size 7.5
	Size 7.5 surgical gloves.
AX10982	No Powder Gloves, Size 8
	Size 8 surgical gloves.



### Perry Performance Plus Micro-Thin Surgical Gloves

Perry Performance Plus micro-thin latex surgical gloves. Hand-specific, sterile, powder-free, polymer coating, brown gloves with a textured surface. Each glove has straight cuffs and is intended for single use. II.4" in length with a 0.19mm fingertip thickness. Manufactured by Mckesson. Sold 40 pairs per box.

AXII683	Surgical Gloves, Size 7
	Size 7 micro-thin surgical gloves.
AXII88I	Surgical Gloves, Size 8
	Size 8 micro-thin surgical gloves.



### Item # Description Image

### **Perry Performance Plus Surgical Gloves**

Perry Performance Plus latex and neoprene surgical gloves. Various glove sizes that are hand-specific and intended for single use. Sterile. Manufactured by Mckesson. Sold 40 pairs per box.

### AXI4092 Surgical Gloves, Size 5.5

Size 5.5 Perry Performance Plus latex surgical gloves. Powder-free, cream-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. II.5" in length with a 0.23mm fingertip thickness.



### AXII830 Surgical Gloves, Size 6

Size 6 Perry Performance Plus latex surgical gloves. Powder-free, brown-colored gloves with a textured surface. Each glove has straight cuffs and is intended for single use. II.4" in length with a 0.19mm fingertip thickness.



### AXI4968 Surgical Gloves, Size 6

Size 6 Perry Performance Plus neoprene surgical gloves. Powder-free, dark green-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. 12.2" in length with a 0.20mm fingertip thickness.



### AXII68I Surgical Gloves, Size 6.5

Size 6.5 Perry Performance Plus latex surgical gloves. Powder-free, brown-colored gloves with a fully textured surface. Each glove has straight cuffs and is intended for single use. 11.4" in length with a 0.19mm fingertip thickness.



### Item # Description Image

### AXII7I5 Surgical Gloves, Size 6.5

Size 6.5 Perry Performance Plus latex surgical gloves. Powdered, cream-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. II.5" in length with a 0.23mm fingertip thickness.



### AXI4964 Surgical Gloves, Size 6.5

Size 6.5 Perry Performance Plus neoprene surgical gloves. Powder-free, dark green-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. 12.2" in length with a 0.20mm fingertip thickness.



### AXII684 Surgical Gloves, Size 7

Size 7 Perry Performance Plus latex surgical gloves. Powdered, cream-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. II.3" in length with a 0.23mm fingertip thickness.



### AXII688 Surgical Gloves, Size 7

Size 7 Perry Performance Plus latex surgical gloves. Powderfree, polymer coating, cream-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. II.5" in length with a 0.23mm fingertip thickness.



### Item # Description Image

### AXI4965 Surgical Gloves, Size 7

Size 7 Perry Performance Plus neoprene surgical gloves. Powder-free, dark green-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. 12.2" in length with a 0.20mm fingertip thickness.



### AXII432 Surgical Gloves, Size 7.5

Size 7.5 Perry Performance Plus latex surgical gloves. Powdered, cream-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. II.3" in length with a 0.23mm fingertip thickness.



### AXII626 Surgical Gloves, Size 7.5

Size 7.5 Perry Performance Plus latex surgical gloves. Powder-free, brown-colored gloves with a textured surface. Each glove has straight cuffs and is intended for single use. II.4" in length with a 0.19mm fingertip thickness.



### AXII646 Surgical Gloves, Size 7.5

Size 7.5 Perry Performance Plus latex surgical gloves. Powder-free, polymer-coated, cream-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. II.5" in length with a 0.23mm fingertip thickness.



### Item # Description Image

### AXI5II2 Surgical Gloves, Size 7.5

Size 7.5 Perry Performance Plus neoprene surgical gloves. Powder-free, dark green-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. 12.2" in length with a 0.20mm fingertip thickness.



### AXI0957 Surgical Gloves, Size 8

Size 8 Perry Performance Plus latex surgical gloves. Powdered, cream-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. II.3" in length with a 0.23mm fingertip thickness.



### AXII649 Surgical Gloves, Size 8

Size 8 Perry Performance Plus latex surgical gloves. Powderfree, cream-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. II.5" in length with a 0.23mm fingertip thickness.



### AXII627 Surgical Gloves, Size 8.5

Size 8.5 Perry Performance Plus latex surgical gloves. Powder-free, brown-colored gloves with a fully textured surface. Each glove has straight cuffs and is intended for single use. 11.4" in length with a 0.19mm fingertip thickness.



# AXII737 Surgical Gloves, Size 8.5 Size 8.5 Perry Performance Plus latex surgical gloves. Powder-free, cream-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. II.5" in length with a 0.23mm fingertip thickness.

### **Sempermed Supreme Surgical Gloves**

Sempermed Supreme surgical gloves are anatomically designed to reduce hand fatigue and increase comfort. They are powder-free to eliminate aerosolization and skin irritation. A special multi-layer copolymer composition provides optimal protection during surgery. Hand-specific, sterile, powder-free, ivory-colored gloves with a micro-textured surface. Each glove has beaded cuffs and is intended for single use. 10.6" in length with a 0.27mm fingertip thickness. Manufactured by Sempermed USA. Sold 50 pairs per box.

AXI502I Sempermed Gloves, Size 7.5



### SensiCare Surgical Gloves

SensiCare revolutionized the medical glove industry as the first latex-free synthetic polyisoprene surgical glove on the market. Medline is the only surgical glove manufacturer that makes its own raw material polyisoprene, called Isolex, ensuring you a safe, quality product. SensiCare is coated with 100% pure aloe vera to help soothe and moisturize dry, irritated skin caused by frequent handwashing and glove-wearing. Hand-specific, sterile, powder-free, white-colored gloves with a smooth surface coated in aloe and polymer. Each glove has beaded cuffs and is intended for single use. 12" in length with a 25mm fingertip thickness. Sold 25 pairs per box.

AX15155	SensiCare Gloves, Size 6
	Size 6 surgical gloves.
AX14889	SensiCare Gloves, Size 7
	Size 7 surgical gloves.
AX12048	SensiCare Gloves, Size 7.5
	Size 7.5 surgical gloves.
AXI0852	SensiCare Gloves, Size 8
	Size 8 surgical gloves.





Item # Description Image

### **Sensi-Touch Surgical Gloves**

Ansell Sensi-Touch powdered surgical gloves with a straight, reinforced non-beaded cuff for extra coverage and protection on the forearm. The glove's latex formulation provides superior strength, and its design helps to reduce hand fatigue. Hand-specific, sterile, powdered, ivory-colored gloves with a smooth surface. Intended for single use. 12.9" in length with a 0.24mm fingertip thickness. Sold 50 pairs per box.

AXIII86	Sensi-Touch Gloves, Size 6.5
	Size 6.5 surgical gloves.
AXI3I35	Sensi-Touch Gloves, Size 7
	Size 7 surgical gloves.
AX13136	Sensi-Touch Gloves, Size 7.5
	Size 7.5 surgical gloves.
AXI2024	Sensi-Touch Gloves, Size 8.5
	Size 8.5 surgical gloves.



### **Original Perry Style 42 Surgical Gloves**

Ansell's Original Perry Style 42 powdered surgical gloves provide uncompromising quality and durability. Their satin-smooth finish provides maximum tactile sensitivity and is produced with advanced technology to lower powder and protein levels. This product contains natural rubber latex, which may cause allergic reactions. This latex glove contains 60 micrograms or less of total water-extractable protein per gram. Hand-specific, sterile, powdered, ivory-colored gloves with a smooth anti-slip surface. Each glove has beaded cuffs and is intended for single use. 11.7" in length with a 0.23mm fingertip thickness. Sold 50 pairs per box.

AX10836	Perry Gloves, Size 7			
	Size 7 surgical gloves.			
AX10870	Perry Gloves, Size 7.5			
	Size 7.5 surgical gloves.			
AXII069	Perry Gloves, Size 8			
	Size 8 surgical gloves.			



Item # Description Image

### **Triflex Surgical Gloves**

Triflex sterile surgical gloves have an anti-slip finish for a firm grip and mechanically locking cuffs that prevent rolldown. Extensive rinse cycles on the gloves reduces latex allergens and proteins. Hand-specific, sterile, powdered, ivory-colored gloves with a smooth surface. Each glove has beaded cuffs and is intended for single use. 12" in length with a 0.23mm fingertip thickness. Manufactured by Cardinal. Sold 40 pairs per box.

AXII455 Triflex Gloves, Size 7.5
Size 7.5 surgical gloves.

AXI0683 Triflex Gloves, Size 8
Size 8 surgical gloves.



### **Triumph Green Surgical Gloves**

AORN, the CDC, the American College of Surgeons, and the American Academy of Orthopedic Surgeons recommend double gloving during invasive procedures. Triumph Green latex powder-free surgical gloves are ideal when double gloving with Aloetouch Natural, Triumph, or Triumph LT. Made from low-protein natural rubber latex with synthetic polymer coating. Dark green-colored gloves with a smooth surface coated in aloe and polymer. Each glove has beaded cuffs and is intended for single use. 12" in length with a 8.5mm fingertip thickness. Manufactured by Medline. Sold 50 pairs per box.

AXI3975 Triumph Gloves, Size 7





### **Triumph LT Surgical Gloves**

All of Medline's powder-free gloves have a proprietary inner polymer coating, which allows for easy donning and double gloving. The Triumph LT Sterile Latex Powder-Free Surgical Glove is a standard-thickness glove that can be used alone or as an outer glove when double gloving over Medline's Aloetouch Latex-Free Powder-Free Surgical Glove. The unique beaded cuff is reinforced to resist tearing. Sterile, white-colored gloves with a lightly textured surface coated with synthetic polymer donning agent. Each glove has beaded cuffs and is intended for single use. 12" in length with a 23mm fingertip thickness. Manufactured by Medline. Sold 50 pairs per box.

AXI0900 Triumph Gloves, Size 7



### **SURGICAL LENSES**

Item # Description Image

### **Bi-Concave Disposable Lens**

Volk's disposable lenses deliver high-resolution, direct-image retinal views in a convenient sterile, single-use design. They are packaged individually in an easy-to-use peel pack. Sold 10 per pack.

AX15229

**Bi-Concave Disposable Lens** 



### Flat Disposable Lens

Volk's disposable lenses deliver high-resolution, direct-image retinal views in a convenient sterile, single-use design. They are packaged individually in an easy-to-use peel pack. Sold 10 per pack.

AX14910

Flat Disposable Lens



### Flat SSV Disposable Lens

Primarily used for routine direct image vitreoretinal surgery of the central retina. Lens is Direct Image Flat (ACS) with a field of view of 30 degrees and an image magnification of 0.92x. Nonsterile, autoclavable. Sold individually.

AX15012

Flat SSV Disposable Lens



### **SURGICAL LENSES**

Item # Description Image

### **Magnifying Disposable Lens**

Volk's disposable lenses deliver high-resolution, direct-image retinal views in a convenient sterile, single-use design. They are packaged individually in an easy-to-use peel pack. Sold 10 per pack.

AX15044

Magnifying Disposable Lens



### Wide Field Disposable Lens

Volk's disposable lenses deliver high-resolution, direct-image retinal views in a convenient sterile, single-use design. They are packaged individually in an easy-to-use peel pack. Sold 10 per pack.

AX15063

Wide Field



### 30-Degree Prism Disposable Lens

Volk's disposable lenses deliver high-resolution, direct-image retinal views in a convenient sterile, single-use design. They are packaged individually in an easy-to-use peel pack. Sold 10 per pack.

AX15230

30-Degree Prism Disposable Lens



### **SURGICAL LENSES**

Item # Description Image

### 30-Degree Prism SSV ACS Lens

Primarily used for off-axis direct image vitreoretinal surgery. Lens is direct-image, 30-degree Prism (ACS) with a field of view of 30 degrees offset, and an image magnification of 0.90x. Patented Chalam SSV design eliminates the need for sutures or rings. Nonsterile, autocavable. Sold individually.

AXI5402 **30-Degree Prism Lens** 



# **Instrument Covers**

### **PROTECTORS & GUARDS**

Item # Description Image

### **Comply Instrument Protector**

3M Comply Instrument Protectors, protect sharp-pointed surgical instruments from damage and reduces possibility of pouch puncture during sterilization. It protects sharp surgical instruments from damage while holding them open for full sterilant contact. Dual indicators on the protector verify steam or EO processing. White instrument protector that measures 2 x 5 inches and is latex-free. Sold 100 per box.

AXI3932 White Instrument Protector



### Osteotome Instrument Tip Guard

Designed to protect osteotome instrument edges from chipping during sterilization, storage, and handling. Covers can reduce monthly repair or replacement costs by meeting protection needs. Clear, non-vented osteotome instrument tip protector. Measures 6.4mm x 19mm. Nonsterile and latex-free. Sold 50 per bag.

AX10806 Clear Instrument Guard



### Round Instrument Tip Guard

Rounded tip guards designed to protect medical instruments from damage during sterilization, storage, and handling. Covers can reduce monthly repair or replacement costs by meeting protection needs. Blue-tinted, vented instrument tip protectors. Measures 38.1mm in length and fits 3mm to 4mm tips. Nonsterile and latex-free. Sold 70 per bag.

AXII288 Blue Instrument Guard



### **PROTECTORS & GUARDS**

Item # Description Image

### **Standard Instrument Tip Guard**

Designed to protect medical instruments from damage during sterilization, storage, and handling. Covers can reduce monthly repair or replacement costs by meeting protection needs. Nonsterile and latex-free. Sold 100 per bag.

AXI0807 Clear Instrument Guard

Clear, vented instrument tip protectors. Measures 2.8mm  ${\bf x}$ 

19mm.

AXII208 Clear Instrument Guard

Clear, vented instrument tip protectors. Measures 5mm x

25mm.



AXI2025 Green Instrument Guard

Solid green, vented instrument tip protectors. Measures

2.8mm x 19mm.



AXI3238 Clear Instrument Guard

Clear, nonvented instrument tip protectors. Measures 3.2mm

x 25.4mm.



### **PROTECTORS & GUARDS**

Item #	Description	Image
AX15355	Clear Instrument Guard	
	Clear, vented instrument tip protectors. Measures 2mm x 9mm x 25mm.	
AX15468	Assorted Instument Guards	
	Assorted colors, vented and solid instrument tip protectors. Various sizes.	
AX13979	Orange Instrument Guard	
	Orange-tinted, vented instrument tip protectors. Measures 2mm x 9mm x 25mm.	
AX15047	Orange Instrument Guard	
	Orange-tinted, nonvented instrument tip protectors. Measures 2mm x 9mm x 25mm.	



### **DIAMOND KNIFE CLEANING SYSTEMS**

Item # Description Image

### Opti-Kleen

Accutome recommends the Opti-Kleen blade cleaning system for the care and cleaning of diamond knives. This is an efficient and safe method for cleaning tissue and other debris from the surfaces of diamond knife blades prior to sterilization. The Opti-Kleen blade cleaning system comes with 12 individual disposable trays per dispenser box. A holding tray with cover can also be purchased to cradle the cleaning system trays. The Opti-Kleen blade cleaning system can be used throughout the day for both diamond knives and delicate instruments. Each new instrument should be cleaned in an area of the pad that has not already been used.

AXII396 Opti-Kleen Blade Cleaning System

Each tray has three cleaning sections: a scrubbing section and two rinse sections. Sold 12 individual trays per box. Does not include plastic holder.



AXII397 Opti-Kleen Holding Tray

Plastic holder for disposable cleaning system trays.



### **INDICATOR STRIPS**

Item # Description Image

### **Biological Indicator Incubator**

3M Attest Incubator provides optimal incubation conditions for the accurate readout of 3M Attest biological indicators. Since the growth of each test organism is temperature dependent, it is critical that the appropriate Attest biological indicator be used with the correct Attest incubator. Biological indicator incubator, I4-vial (round), 56°C steam, I2O nominal voltage required, 90-I32V acceptable.

AXI4I54 Biological Indicator Incubator



### Item # Description Image

### **Biological Indicator Test Pack**

Complete biological indicator test packs that includes everything needed for the monitoring of the steam sterilization process. For clinics, medical, and veterinary offices. The Centers for Disease Control and Prevention and AAMI recommend a weekly biological indicator challenge of all sterilizers. This is important to help prevent cross-contamination and to protect patients and medical professionals from infection that can result from a faulty sterilizer or its incorrect operation.

### AX12069

### **Biological Test Pack and Culture Service Program**

Test results are uploaded daily to a secure online database and you will be provided a permanent record of test results. Spore testing is one of the most dependable methods to monitor sterilization. This is a complete system that includes a culture service program. Each box contains 10 test packs, 10 sterilization report forms, 10 pre-addressed postage paid envelopes and instructions for use. Takes 48 hours for culturing service. Sold 10 tests per box.



### AX15689

### **Biological Indicator Test Pack**

The 3M Attest incubator provides optimal incubation conditions for the accurate readout of 3M Attest biological indicators. Biological indicator incubator, 14-vial (round), 56°C steam, 120 nominal voltage required, 90-132V acceptable. Kit includes: incubator, 1 roll tape, 1 box biological indicators, 1 bag chemical indicators, the log book, inservice video, and wall chart. Sterilization is indicated with color change and takes 48 hours for test results. Latex-free.



### **Biological Indicator Vial**

Various brand biological indicators provide the best assurance of sterility by challenging the steam sterilizer with quantifiable, highly resistant *Geobacillus* stearothermophilus spores and providing results quickly. Biological indicators are used for load control monitoring, which is the process by which a load is monitored and released based on the result of a biological indicator (BI) in a test pack.

### AX13167

### 3M Biological Indicator Vial

The 3M Attest system provides results within 48 hours. The self-contained BI for 250°F/I21°C gravity and 270°F /I32°C vacuum-assisted steam cycles consist of a *Geobacillus stearothermophilus* spore strip, sealed glass ampule with growth medium and a bromocresol purple pH indicator system, brown color-coded cap with holes for sterilant penetration and a filter as a bacterial barrier, and a chemical indicator on the label that changes from rose to brown when processed. After sterilization, the vial is "crushed" to join the growth media with the processed spore strip. The BI is incubated for 48 hours for a visual color change readout. A color change to yellow indicates surviving spores and a positive result. Store at USP controlled room temperature. Sold 25 vials per box.



### Item # Description Image

### AXI4267 3M Biological Indicator Vial

The 3M Attest system provides results within 24 hours. 3M Attest 126l biological indicators for 270°F/l32°C gravity steam cycles. Self-contained BI for 270°F/l32°C gravity steam cycles consists of a *Geobacillus stearothermophilus* spore strip, sealed glass ampule with growth medium and a bromocresol purple pH indicator dye system, blue colorcoded cap with holes for sterilant penetration and a filter as a bacterial barrier, and a chemical indicator on the label that changes from rose to brown when processed. After sterilization, the vial is "crushed" to join the growth media with the processed spore strip. The BI is incubated for 24 hours for a visual color change readout. A color change to yellow indicates surviving spores and a positive result. Store at USP controlled room temperature. Latex-free. Sold 100 per hox.



### AXI3258 3M Biological Indicator Vial

The 3M Attest system includes rapid readout biological indicators, disposable test packs, an auto-reader, and log books. 3M Attest 1291 rapid readout biological indicators for 132°C/270°F gravity displacement cycles. Self-contained BI for gravity displacement cycles consisting of a *Geobacillus stearothermophilus* spore strip, sealed glass ampule with growth medium and dual indicator system, blue colorcoded cap with holes for sterilant penetration and a fliter as a bacterial barrier, and a chemical indicator on the label that changes from rose to brown when processed. After sterilization, the vial is "crushed" to join the growth media with the processed spore strip. The BI is incubated for 1 hour in the 3M Attest 290 series auto-reader for a fluorescent reading. Note: This product must be used with Cat. No. 290 3M Attest auto-reader. This product is latex-free. Sold 50 per box.



### AXI4475 Ster-All Biological Indicator Vial

Ster-All Performance Self-Contained Steam BI is for use in monitoring 60-degree celsius steam sterilization processes. Final readout takes only 24 hours and fits in existing incubators. Latex-free. Sold 25 tests per box.



### AXI4993 Ster-All Biological Indicator Vial

Ster-All Performance Self-Contained Steam BI is for use in monitoring 60-degree celsius steam sterilization processes. Final readout takes only 24 hours and fits in existing incubators. Latex-free. Sold 100 tests per box.



### Item # Description Image

### AXI546I ProSpore2 Biological Indicator Vial

ProSpore2 is ideal for in-office validation and monitoring of steam sterilizers. It consists of a paper disk carrier containing *Geobacillus stearothermophilus* spores. The disk is enclosed in a plastic tube along with a glass vial containing media for growing the bacterial spores. Bromocresol purple has been added to assist in detecting spore growth. The outgrowth of spores decreases pH, causing a color change from purple to yellow. A shorter incubation period allows a validated 24-hour result. Includes biological indicators, testing incubator, record-keeping system, and vial crusher. Sold 50 per box.



### Class 4 Steam Indicator Strip

These class 4 steam indicator strips have a distinctive, color change feature when exposed to steam sterilization. Ranges in size and colors.

### AXI0400 Medline Sterilization Indicator Strip

Class 4 steam indicator strip that measures 4"L x 1.25"W x 1.5"H and has a distinctive, non-reversible color change from blue to black. These strips contain latex, and are for use in gravity and vacuum cycles. Sold 250 per box.



### AXI5672 3M Steam Indicator Strip

3M Comply class 4 steam indicator strip that measures 0.625"W  $\times$  4.25"L in short form, which is convenient for smaller packs. Has a distinctive color change from yellow to black and can be used in all steam sterilizers. These strips are latex-free and are for use as an internal pack monitor for 250-270°F processes. Sold 250 per box.



### AXI3832 3M Steam Indicator Strip

3M Comply class 4 steam indicator strip that measures 0.625"W x 8"L and have a distinctive color change from off-yellow to black. It can be used in all steam sterilizers and is perforated, allowing for full- or half-length use for different pack sizes. These strips are latex-free and are for use as an internal pack monitor. Store at USP controlled room temperature. Sold 240 per box.



### AXI4058 Medline Steam Indicator Strip

These measure the time, temperature, and presence of steam in steam sterilizers. They use a distinctive color change from purple to green and are made of laminated plastic. Measures 4" in length and are to be used for Cidex OPA tests. Latex-free. Sold 250 per box.



Item # Description Image

### Class 5 Steam Indicator Strip

As an internal pack monitor, the 3M Comply (SteriGage) Class 5 Steam Chemical Integrators offer immediate, accurate and easy to read method of monitoring the sterilization process conditions inside each pack. It can be used in all steam sterilizers. The easy-to-read moving front style has been shown to have a higher reading accuracy than color interpretation style indicators. Use in steam sterilization cycles at 250°F, 270°F, 273°F, and 275°F. Measures 0.75″W x 2″L and are latex-free. Takes 15 minutes, depending on temperature.

AX13038	3M Steam Indicator Strip
	Sold 100 per bag.
AX14291	3M Steam Indicator Strips
	Sold 500 per bag.



### **Dry Heat Sterilization Indicator Strip**

Dry heat indicator strip that measures 4" in length and are made from paper. Disposable, nonsterile, latex-free strips. Sold 100 per box.

AXII042 Dry Heat Indicator Strip



### **Indicator Label**

Each chemical indicator label provides distinct color change when exposed to the sterilization process. Has date and operator fields on label. Pressure-sensitive indicator for use in dry-heat sterilization processes. Measures 0.75"W x 1.25"L. Sold 125 labels per roll.

AXI5245 Indicator Label



Item # Description Image

### **OK Steam Sterilization Strip**

OK Steam Sterilization Strips are indicators that monitor all critical sterilization parameters: steam, time, and temperature. In sterilization cycles, OK strips guard against incomplete steam penetration, presence of non-condensing gases or excessive air, as well as from inadequate temperature or insufficient time exposure. The pre-printed standard reference color permits rapid and certain visualization of the results. If the sterilization conditions meet requirements, the arrow and the K will change to become at least as dark as the reference color "0" forming the OK expression. The indicator dot printed on the distal end of the 8" strip permits a secure sterile presentation. Only if this dot is dark may sterile personnel handle the strip and the package contents. Without such assurance, contamination of personnel becomes a real risk. For steam sterilization cycles of 250°F [121°C] and 272°F [134°C]. Measures 0.56"W x 4"L. Sold 250 per box.

AXI3984 OK Steam Sterilization Strips



### **Steam Indicator Tape**

Surgical instrument sterilization tape is used to seal sterilization packs or wraps. The tape will visually indicate that the pack has been exposed to the steam sterilization cycle by its distinctive, non-reversible color change from beige to black. Lead-free ink means no hazardous waste issues. The tape material has a stretchable backing that minimizes tape "pop-off" during sterilization. This tape can also be written on or labeled with pre-printed labels. Sold individually.

AXI3347	0.94-Inch Steam Indicator Tape	
	3M Comply lead-free steam indicator tape measures 0.94 inch $\times$ 60 yards.	
AX15487	0.70-Inch Steam Indicator Tape	
	3M Comply lead-free steam indicator tape measures 0.70 inch x 60 yards.	
AX15181	1-Inch Steam Indicator Tape	
	Mckesson steam indicator tape measures I inch x 60 yards. Contains latex.	
AX11290	1-Inch Steam Indicator Tape	
	Medline steam indicator tape measures I inch $\times$ 60 yards. Contains latex.	



### **STERILIZATION POUCHES**

Item # Description Image

### **Dry-Heat Sterilization Pouch**

Nylon packaging products are manufactured for use with dry heat processes up to 420°F. Nylon material is clear, strong and puncture resistant, maintaining a durable barrier for instrumentation until point of use. These self-seal nylon pouches feature built-in adhesive tape which eliminates the need for a heat sealer or indicator tape. Each pouch is notched for ease of opening after processing, and complimentary external chemical indicator labels are included. Sold 100 per box.

AX14271	2" Sterilization Pouch
	2" x 10" sterilization pouch.
AX11038	3" Sterilization Pouch
	3" x 10" sterilization pouch.
AX11013	4" Sterilization Pouch
	4" x 10" sterilization pouch.
AX14457	7" Sterilization Pouch
	$7^{\prime\prime}$ x 10.5 $^{\prime\prime}$ sterilization pouch.
AX15736	9.5" Sterilization Pouch
	9.5" x 13" sterilization pouch.



### **Steam Sterilization Pouch**

Various sizes and brands of sterilization pouches. All pouches are transparent for easy viewing and are compatible for EO gas/steam sterilization. Sold 200 per box.

### AXII638 3.5" Sterilization Pouch

3.5" x 5.25" View Pack sterilization pouch. Patented triple seal provides an adhesive-to-adhesive, adhesive-to-paper, and adhesive-to-poly closure for a secure, tamper-free barrier. Triple rail seal offers protection exceeding that of one wide seal, resists blowouts, and provides uniform peel when opening. Blue-tinted laminate helps to quickly detect if a hole or tear is present. Highest quality medical grade paper helps prevent fiber tear of the packaging.



### AXI3288 3.5" Sterilization Pouch

3.5" x 5.25" Sure-Check sterilization pouch with built-in internal/external multi-parameter steam sterilization indicators confirm all sterilization criteria—time, temperature, and presence of steam. Eliminates the extra step of adding separate multi-parameter indicators to each pouch. Meets CDC infection control guidelines for effective sterilization.



### **STERILIZATION POUCHES**

### Item # Description Image

### AX14229

### 3.5" Sterilization Pouch

3.5" x 8" Steriking sterilization pouch is transparent white in color. This self-sealing pouch is made from a paper/film material. Feature the innovative and convenient chemical indicator (Class I) peel-off strip. The sterilizable adhesive strip promotes a tight, impermeable closing of the pack, while the closing flap is prefolded to facilitate the sealing of the pouch.



### AX15752

### 3.5" Sterilization Pouch

3.5" x 9" Sure-Check sterilization pouch. This self-sealing pouch is made from a film material with built-in internal/external multi-parameter steam sterilization indicators to confirm all sterilization criteria—time, temperature, and presence of steam. Eliminates the extra step of adding separate multi-parameter indicators to each pouch and meets CDC infection control guidelines for effective sterilization.



### AX10413

### 3.5" Sterilization Pouch

3.5" x 9" Ster-All sterilization pouch is made from a blue paper/film material. Thumb notch at the fold makes it easy to open and grip. Perforated edge helps to ensure a quality seal. Made of a polypropylene/polyester blend and medical grade paper. Latex-free.



### AX14487

### 3.5" Sterilization Pouch

 $3.5^{\prime\prime}\,x\,9^{\prime\prime}$  Medline sterilization pouch. Transparent blue and self-sealing.



### **STERILIZATION POUCHES**

### Item # Description Image

### AX15809

### 3.5" Sterilization Pouch

3.5" x 9" View Pack sterilization pouch. Transparent blue and self-sealing. Patented triple seal provides an adhesive-to-adhesive, adhesive-to-paper, and adhesive-to-poly closure for a secure, tamper-free barrier. Triple rail seal offers protection exceeding that of one wide seal, resists blowouts, and provides uniform peel when opening. Blue-tinted laminate helps to quickly detect if a hole or tear is present, and highest quality medical grade paper helps prevent fiber tear of the packaging.



### AX10155

### 5.25" Sterilization Pouch

 $5.25'' \times 10''$  Ster-All self-seal sterilization pouch is transparent blue in color. This self-sealing pouch is made from a paper/film material and contains a thumb notch at the fold, making it easy to open and grip. Perforated edge helps to ensure a quality seal. Made of a polypropylene/polyester blend and medical grade paper. Latex-free.



### AX10545

### 7.5" Sterilization Pouch

7.5" x 13" McKesson Argent Sure-Check self-seal sterilization pouch is transparent blue. This self-sealing pouch is made from a paper/film material and helps to ensure infection prevention through proper instrument sterilization, facilitating the safety of both patients and medical staff. Triple seals trap heat along the secured edges to prevent separation. Sterilization pouches maintain sterilization integrity through extra-wide chevron seals. Includes Class 4 or Multi-Parameter Sterilization indicators to help ensure proper saturating steam presence, exposure time, and sufficient high temperatures. Wide self-seal strip and thumb notch make it easy to open. Medical-grade paper eases the labeling process; clear transparent film provides aseptic presentation and easy identification of surgical equipment.



### AX14173

### 12" Sterilization Pouch

12" x 18" McKesson Argent Sure-Check self-seal sterilization pouch is transparent blue. This self-sealing pouch is made from a paper/film material and helps to ensure infection prevention through proper instrument sterilization, facilitating the safety of both patients and medical staff. Triple seals trap heat along the secured edges to prevent separation. Sterilization pouches maintain sterilization integrity through extra-wide chevron seals. Includes Class 4 or Multi-Parameter Sterilization indicators to help ensure proper saturating steam presence, exposure time, and sufficient high temperatures. Wide self-seal strip and thumb notch make it easy to open. Medical-grade paper eases the labeling process; clear transparent film provides aseptic presentation and easy identification of surgical equipment.



### **ULTRASONIC CLEANERS**

Item # Description Image

### Crest 0.75-Gallon Ultrasonic Cleaner

Crest medical grade 0.75-gallon tank capacity with analog timer and adjustable thermostatically controlled heater. A cover, main on/off switch, and drain valve are all included. All stainless steel enclosures resist chemical spills and will not crack. Has ceramically enhanced transducers and all timers have continuous operation. Dimensions of inside tank: 9.5"L  $\times 5.25$ "W  $\times 4$ "H; Overall Dimensions of unit: 11.5"L  $\times 6.375$ "W  $\times 9.25$ "H.

AM0940 0.75-Gallon Ultrasonic Cleaner



### Crest 2.5-Gallon Ultrasonic Cleaner

Crest 2.5-gallon tank capacity with analog timer and adjustable thermostatically controlled heater. A cover, main on/off switch, and drain valve are all included. Has a sweep frequency of 45 kHz and all stainless steel enclosures resist chemical spills and will not crack. Has ceramically enhanced transducers and all timers have continuous operation. Dimensions of inside tank: 19.5"L x 5.25"W x 6"H; Overall Dimensions of unit: 20.25"L x 6"W x 10.625"H.

AM0970 2.5-Gallon Ultrasonic Cleaner



### Crest 5-Gallon Ultrasonic Cleaner

Crest 5-gallon tank capacity with analog timer and adjustable thermostatically controlled heater. A cover, main on/off switch, and drain valve are all included. Has a sweep frequency of 45 kHz and all stainless steel enclosures resist chemical spills and will not crack. Has ceramically enhanced transducers and all timers have continuous operation. Dimensions of inside tank: 19.5"L x 11.75"W x 6"H; Overall Dimensions of unit: 21"L x 12.75"W x 14.5"H.

AM0975 5-Gallon Ultrasonic Cleaner



### **QUICKRINSE INSTRUMENT RINSE SYSTEM**

Item # Description Image

### QuickRinse Cleaning System

The QuickRinse instrument rinse system uses pressurized water and air to rinse lumened instruments and tubing, such as phaco handpieces, vitrectomy cutters, and I/A tubing. Unlike with a syringe, the compact system provides consistent rinsing pressure regardless of the operator. The QuickRinse also eliminates hand fatigue associated with repetitive syringe use. Complete system comes with: operator's manual, console, complete bottle assembly, nose cone rinse attachment, dual rinse "Y" attachment, power cord, power supply, accessory fittings, nylon brush, spare bottle cap gaskets, and spare quick-disconnect O-rings.

AM7550 QuickRinse Cleaning System





### **CRYO UNITS**

Item # Description Image

### **Keeler Cryomatic Cryo Unit**

With exceptional reliability, the Cryomatic delivers quality and versatility when using either disposable or reusable probes. The integral software automatically detects the type of probe in use and adjusts the unit accordingly, meaning the unit is ready for use in a matter of minutes. This technology ensures a short purge cycle time after time without the need for an adaptor. Engineered to produce greater reliability and freezing characteristics. Weighs 6 pounds and measures  $12^{"}$ W x  $8^{"}$ D x  $7.5^{"}$ H.

AM9050 Keeler Cryomatic Cryo Unit



## **Pharmaceutical & Diagnostics**



### 4Sight®

### Item No. 24-8000

Ophthalmic ultrasound platform that combines the A-Scan, B-Scan, UBM, and Pachymeter in one easy-to-use platform.



### A-Scan Plus Connect®

### Item No. 24-4400

Portable design and an effective solution for measuring and calculating all of your patients, including dense cataracts, and refining your surgical outcomes.



### **B-Scan Plus**®

### Item No. 24-6100

Portable probe that provides HD imaging and assessment of the posterior segment, while a user-friendly interface can store and share information easily.



### AccuPen®

### Item No. 24-3000

Gravity Offset Technology requires less calibration in any testing position while providing up to 9 accurate IOP measurements that can be stored.



### **UBM Plus®**

### Item No. 24-6300

Portable probe that provides HD imaging and assessment of the anterior segment, while a user-friendly interface can store and share information easily.



### **Pachymeters**®

### Item No. 24-6200 & No. 24-5100

Accurate and easy-to-use portable or tabletop pachymeter versions that convert IOP measurements in seconds.



### **Diagnostic Supplies**

- Mydriatics/Cycloplegics
- Anesthetics
- Irrigating Solutions
- Gonioscopy
- Tonometry



### **Therapeutics**

- Miotic/Glaucoma Agents
- Antibiotics
- Anti-Inflammatories
- Antibiotic/Anti-Inflammatory Combo



# **General Ophthalmic Supplies**

- Eye Patches
- Punctum Plugs
- Needles and Syringes
- And Many More!

AB-0550S	262	AB-2490	276	AB-3855	282
AB-1000	262	AB-2801	280	AB-3855S	282
AB-1000S	262	AB-2804	281	AB-3856	282
AB-1001	263	AB-2805	280	AB-3856S	282
AB-1052S	263	AB-2806	270	AB-3857	284
AB-1053S	265	AB-2807	270	AB-4300	283
AB-1401	263	AB-2808	269	AB-4302S	283
AB-1401S	263	AB-2808S	269	AB-4350S	282
AB-1402	266	AB-2853	280	AB-4351	283
AB-1403			269		283
AB-1404			268		274
AB-1404S			271		273
AB-1405			270		273
AB-1406			279		274
AB-1406S			272		274
AB-1407			271		283
AB-1407S			276		283
AB-1410			280		284
AB-1410S			280		283
AB-1411			281		276
AB-1412			280		275
AB-1421			281		276
AB-1452			281		275
AB-1457			281		273
AB-1459			281		277
AB-1467			261		276
AB-1468S			268		276
AB-1474			208		274
AB-1475			270		274 277
AB-1476					278
			268		
AB-1478S AB-1482			268		164
AB-2000			267		165
			281		
AB-2002			272		164
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AB-2003			272		
AB-2003S AB-2008			273		165 165
AB-2008S			273		164
AB-2017			272		164
AB-2023			272		164
AB-2023S			273		164
AB-2028			269		256
AB-2054			273		256
AB-2056			270		256
AB-2058			269		256
AB-2062S			269		256
AB-2063			271		256
AB-2068S			270		256
AB-2090			277		257
AB-2091			282		257
AB-2092			282		257
AB-2455S			281		257
AB-2457S			283		257
AB-2461			270		257
AB-2461S			271		257
AB-2463	268	AB-3854S	271	АВ-60925	257

AB-60950	257	AB-AST15G	15	AC0231 27	80
AB-67600	256	AB-AST22	13	AC0320 5	77
AB-67650	256	AB-AST22G	15	AC0320 7	77
AB-67700	256	AB-AST30	13	AC0320 8	77
AB-67725	256	AB-AST45	13	AC0320 10	77
AB-67750	256	AB-AVR10	13	AC0350	86
AB-67775	256	AB-AVR10AG	15	AC0390	84
AB-67800		AB-AVR10S		AC0400	
AB-67825		AB-AVR12		AC0457	
AB-67850		AB-AVR19		AC0458	
AB-67875		AB-AVR19A	13	AC0459	
AB-67900		AB-AVR19AG		AC0460	
AB-ACD26		AB-AVR19G		AC0460 23	
AB-ACS20		AB-AVR20		AC0461	
AB-ACU26		AB-AVR20A		AC0462	
AB-ACU26G		AB-AVR20AG		AC0463	
AB-ALRI500G		AB-AVR20G		AC0465	
AB-ALRI550G		AB-AVR21AG		AC0466	
AB-ALRI600G		AB-AVR21G		AC0467	
AB-ARS32		AB-AVR23A		AC0469	
AB-ARS35		AB-AVR23AG		AC0473	
AB-ARS41		AB-AVR23G		AC0475	
AB-ARS52		AB-AVR25			
		AB-AVR25AG		AC0476	
AB-ASL10				AC0478	
AB-ASL12		AB-AVR25G		AC0485	
AB-ASL18		AC0105		AC0560	
AB-ASL18DB		AC0110		AC0560 27	
AB-ASL20		AC0120		AC0561	
AB-ASL22		AC0121		AC0565	
AB-ASL22DB		AC0122		AC0566	
AB-ASL22G		AC0125		AC0567	
AB-ASL23		AC0130		AC0570	
AB-ASL24		AC0131		AC0580	
AB-ASL24DB		AC0140		AC0582	
AB-ASL24DBG		AC0141		AC0583	
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AL0470
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AL0523 T/V       240       AM0330 23       126       AN0210TI       18         AL0525       240       AM0330 SET       127       AN0220       19         AL0530       241       AM0410       202       AN0230       18         AL0533       241       AM0410 1.00       202       AN0240       18         AL0534       241       AM0510       259       AN0240TI       18         AL1100       199       AM0560       162       AN0250       18         AL1110       199       AM0570 15       258       AN0260       19         AL1120       199       AM0570 20       257       AN0270       18         AL1130       199       AM0570 25       257       AN0280       18         AL1280       178       AM0570 30       257       AN0290       18         AL1320       176       AM0570 40       257       AN0300TI       18         AL1330       176       AM0570 45       257       AN0300TI       18
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AR0155	40	AS0210	209	AS4200	218
AR0190	126	AS0220	210	AS4510	220
AR0190TI	126	AS0230	210	AS4520	221
AR0191	126	AS0240	220	AS4530	221
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AT0210	253	AX10914	49	AX11881	318
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AT0241	252	AX10919	295	AX11891	60
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AX10055			305		324
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AX14725	AX14723	58	AX14826	70	AX15229	326
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AX14735	AX14731	60	AX14833	71	AX15329	296
AX14736         .61         AX14836         .72         AX15372         .293           AX14737         .61         AX14837         .71         AX15390         .295           AX14739         .60         AX14838         .72         AX15420         .328           AX14742         .62         AX14849         .72         AX15429         .315           AX14745         .61         AX14840         .72         AX15435         .296           AX14749         .63         AX14843         .70         AX15466         .332           AX14751         .62         AX14844         .73         AX15478         .339           AX14752         .60         AX14845         .73         AX15478         .339           AX14753         .60         AX14846         .73         AX15487         .339           AX14754         .64         AX14846         .73         AX15505         .292           AX14755         .63         AX14848         .73         AX15505         .298           AX14756         .64         AX14849         .73         AX15505         .298           AX14757         .64         AX14850         .73         AX15500         .73	AX14732	60	AX14834	72	AX15346	312
AXI4737. 61 AXI4837. 7.1 AXI5390. 295 AXI4739. 60 AXI4838. 7.2 AXI5402. 328 AXI4742. 62 AXI4839. 7.2 AXI5402. 315 AXI4743. 61 AXI4840. 7.2 AXI5430. 315 AXI4745. 6.2 AXI4841. 7.2 AXI5435. 296 AXI4749. 63 AXI4843. 7.0 AXI5461. 337 AXI4751. 6.2 AXI4844. 7.3 AXI5468. 332 AXI4752. 60 AXI4845. 7.3 AXI5468. 332 AXI4753. 60 AXI4846. 7.3 AXI5487. 339 AXI4753. 60 AXI4846. 7.3 AXI5490. 292 AXI4754. 64 AXI4847. 7.3 AXI5555. 315 AXI4756. 64 AXI4849. 7.3 AXI5555. 298 AXI4757. 64 AXI4851. 7.3 AXI5581. 7.5 AXI4758. 64 AXI4851. 7.4 AXI5630. 7.5 AXI4759. 64 AXI4851. 7.4 AXI5630. 7.5 AXI4760. 64 AXI4851. 7.4 AXI5636. 7.0 AXI4763. 65 AXI4855. 7.4 AXI5636. 7.0 AXI4764. 65 AXI4859. 323 AXI5643. 315 AXI4765. 65 AXI4898. 323 AXI5643. 315 AXI4766. 66 AXI4851. 7.4 AXI5636. 7.0 AXI4763. 65 AXI4898. 323 AXI5643. 315 AXI4765. 65 AXI4898. 323 AXI5643. 315 AXI4766. 65 AXI4898. 323 AXI5643. 315 AXI4777. 66 AXI4869. 320 AXI5736. 334 AXI4776. 67 AXI4968. 320 AXI5736. 334 AXI4777. 67 AXI4968. 319 AXI589. 335 AXI4777. 67 AXI4968. 319 AXI589. 332 AXI4777. 67 AXI4968. 319 AXI589. 342 AXI4777. 67 AXI4994. 309 AXI0001. 7.5 AXI4778. 66 AXI4994. 320 AXI5736. 340 AXI4777. 67 AXI4994. 309 AXI0001. 7.5 AXI4778. 66 AXI4994. 320 AXI5736. 340 AXI4777. 67 AXI4994. 309 AXI0001. 7.5 AXI4778. 66 AXI4994. 320 AXI5736. 340 AXI4777. 67 AXI4994. 309 AXI0001. 7.5 AXI4778. 66 AXI4994. 320 AXI5736. 340 AXI4777. 67 AXI4994. 309 AXI0001. 7.5 AXI4778. 66 AXI4994. 320 AXI5736. 340 AXI4778. 66 AXI694. 321 AXI5727. 341 AXI4778. 66 AXI4994. 320 AXI5736. 340 AXI4778. 66 AXI602. 322 AXI1607. 348 AXI4788. 66 AXI5012. 326 AXI11637. 48 AXI4788. 66 AXI5012. 326 AXI11637. 48 AXI4788. 66 AXI5012. 323 AXI1607. 48 AXI4788. 66 AXI5012. 323 AXI1607. 48 AXI4788. 66 AXI5012. 323 AXI21273. 53 AXI4788. 68 AXI5004. 322 AXI21273. 53 AXI4788. 68 AXI5006. 329 AXI21273. 53 AXI4788. 68 AXI5006. 329 AXI21273. 53 AXI4809. 69 AXI5106. 299 AXI21274. 53 AXI4810. 69 AXI5155. 341 AXI41717. 57	AX14735	63	AX14835	71	AX15355	332
AX14739         60         AX14838         72         AX15402         328           AX14742         62         AX14839         72         AX15430         315           AX14743         61         AX14840         72         AX15430         315           AX14749         63         AX14841         72         AX15461         337           AX14751         62         AX14844         73         AX15468         332           AX14752         60         AX14845         73         AX15490         292           AX14753         60         AX14846         73         AX15490         292           AX14754         64         AX14847         73         AX15581         73           AX14755         63         AX14848         73         AX15581         75           AX14756         64         AX14849         73         AX15581         75           AX14757         64         AX14850         73         AX15581         75           AX14757         64         AX14850         73         AX15580         73           AX14759         64         AX14850         73         AX15636         70           AX14760	AX14736	61	AX14836	72	AX15372	293
AX14742 62 AX14839 72 AX15429 315 AX14743 61 AX14840 72 AX15430 315 AX14745 62 AX14841 72 AX15435 296 AX14749 63 AX14844 73 AX15461 337 AX14751 62 AX14844 73 AX15468 332 AX14752 60 AX14845 73 AX15487 339 AX14753 60 AX14846 73 AX15487 339 AX14753 60 AX14847 73 AX15553 315 AX14755 63 AX14848 73 AX15555 298 AX14755 63 AX14849 73 AX15555 315 AX14756 64 AX14849 73 AX15550 313 AX14758 64 AX14849 73 AX15590 313 AX14759 64 AX14850 73 AX15590 313 AX14759 64 AX1485 74 AX15630 75 AX14759 64 AX14885 74 AX15636 70 AX14764 65 AX1488 323 AX14764 65 AX14889 323 AX14764 65 AX1489 323 AX14764 65 AX1489 323 AX14764 65 AX1490 305 AX14766 65 AX1490 305 AX14767 66 AX1490 305 AX14767 66 AX1490 305 AX14767 67 AX1490 305 AX14767 66 AX1490 305 AX14773 67 AX14773 67 AX1478 66 AX1490 307 AX14776 67 AX1499 307 AX14777 67 AX14778 66 AX1490 307 AX14778 66 AX1490 307 AX14780 67 AX14780 67 AX14780 67 AX1499 307 AX14778 68 AX14780 67 AX14780 67 AX1499 307 AX14778 68 AX14780 67 AX14780 68 AX1501 322 AX1502 323 AX11602 48 AX14781 67 AX1603 327 AX14780 68 AX1504 322 AX1502 323 AX11602 48 AX14781 67 AX1603 327 AX12778 68 AX1604 322 AX1607 323 AX12778 56 AX1480 69 AX15105 323 AX12778 57 AX1480 69 AX15105 323 AX121273 57 AX1480 69 AX15105 322 AX121273 57 AX1480 69 AX15105 323 AX121276 53 AX1480 69 AX15105 322 AX121273 55 AX1480 69 AX15105 323 AX121276 55 AX1480 69 AX15112 322 AX1212778 55 AX14811 69 AX15116 314 AX121778 51	AX14737	61	AX14837	71	AX15390	295
AX14743	AX14739	60	AX14838	72	AX15402	328
AX14745         62         AX14841         72         AX15435         296           AX14749         63         AX14844         73         AX15468         332           AX14751         62         AX14845         73         AX15468         332           AX14752         60         AX14846         73         AX15487         339           AX14753         60         AX14846         73         AX15535         315           AX14754         64         AX14847         73         AX15553         315           AX14755         63         AX14848         73         AX15555         298           AX14756         64         AX14880         73         AX15590         313           AX147577         64         AX14850         73         AX15500         73           AX14758         64         AX14851         74         AX15635         75           AX14760         64         AX14855         74         AX15635         70           AX14763         65         AX14889         323         AX15643         315           AX14764         65         AX14899         323         AX15643         315           AX14766<	AX14742	62	AX14839	72	AX15429	315
AX14749       63       AX14843       70       AX15461       337         AX14751       62       AX14844       73       AX15468       332         AX14752       60       AX14845       73       AX15487       339         AX14753       60       AX14846       73       AX15590       292         AX14754       64       AX14847       73       AX15555       315         AX14755       63       AX14848       73       AX15555       298         AX14756       64       AX14849       73       AX15555       298         AX14757       64       AX14851       74       AX15630       73         AX14759       64       AX14851       74       AX15630       75         AX14760       64       AX14853       74       AX15635       70         AX14760       64       AX14853       74       AX15643       315         AX14765       65       AX14889       323       AX15644       315         AX14765       65       AX14908       305       AX15689       335         AX14772       66       AX14908       305       AX15689       335         AX14776	AX14743	61	AX14840	72	AX15430	315
AX14751       .62       AX14844       .73       AX15468       .332         AX14752       .60       AX14846       .73       AX15490       .292         AX14753       .60       AX14846       .73       AX15490       .292         AX14754       .64       AX14847       .73       AX15553       .315         AX14755       .63       AX14848       .73       AX15555       .298         AX14756       .64       AX14850       .73       AX15591       .75         AX14757       .64       AX14850       .73       AX15630       .75         AX14758       .64       AX14851       .74       AX15630       .75         AX14759       .64       AX14853       .74       AX15636       .70         AX14760       .64       AX148853       .74       AX15636       .70         AX14764       .65       AX14889       .323       AX15643       .315         AX14764       .65       AX14906       .292       AX15672       .337         AX14766       .65       AX14908       .305       AX15689       .335         AX14767       .65       AX14906       .329       AX15672       .337	AX14745	62	AX14841	72	AX15435	296
AX14752         .60         AX14845         .73         AX15487         .339           AX14753         .60         AX14846         .73         AX15590         .292           AX14754         .64         AX14848         .73         AX15553         .315           AX14755         .63         AX14848         .73         AX15555         .298           AX14756         .64         AX14880         .73         AX15590         .313           AX14757         .64         AX14851         .74         AX15630         .75           AX14759         .64         AX14851         .74         AX15635         .70           AX14760         .64         AX14853         .74         AX15635         .70           AX14763         .65         AX14855         .74         AX15636         .70           AX14764         .65         AX14889         .323         AX15643         .315           AX14765         .65         AX14988         .323         AX15672         .337           AX14766         .65         AX14908         .305         AX15889         .335           AX14767         .65         AX14908         .305         AX15572         .311	AX14749	63	AX14843	70	AX15461	337
AX14753         60         AX14846         73         AX15490         292           AX14754         64         AX14847         73         AX15553         315           X14755         63         AX14848         73         AX15555         298           AX14756         64         AX14849         73         AX15581         75           AX14757         64         AX14850         73         AX15590         313           AX14758         64         AX14851         74         AX15630         75           X14759         64         AX14853         74         AX15636         70           AX14760         64         AX14853         74         AX15636         70           AX14763         65         AX14889         323         AX15643         315           AX14764         65         AX14889         333         AX15644         315           AX14766         65         AX14906         292         AX15672         337           AX14767         65         AX14908         305         AX15628         335           AX14777         67         AX14965         321         AX15723         312           AX14775 </td <td>AX14751</td> <td>62</td> <td>AX14844</td> <td>73</td> <td>AX15468</td> <td>332</td>	AX14751	62	AX14844	73	AX15468	332
AX14754         64         AX14847         73         AX15553         315           AX14755         63         AX14848         73         AX15555         298           AX14756         64         AX14849         73         AX15581         75           AX14757         64         AX14850         73         AX15590         313           AX14758         64         AX14851         74         AX15630         75           AX14759         64         AX14852         74         AX15635         70           AX14760         64         AX14853         74         AX15636         70           AX14764         65         AX14885         74         AX15643         315           AX14764         65         AX14889         323         AX15672         337           AX14766         65         AX14906         292         AX15672         337           AX14766         65         AX14908         305         AX15689         335           AX14772         66         AX14908         305         AX15732         312           AX14775         67         AX14968         319         AX15809         342           AX14777	AX14752	60	AX14845	73	AX15487	339
AX14755       63       AX14848       73       AX15555       298         AX14756       64       AX14849       73       AX15581       75         X14757       64       AX14850       73       AX15590       313         AX14758       64       AX14851       74       AX15630       75         XX14759       64       AX14852       74       AX15635       70         AX14760       64       AX14853       74       AX15636       70         AX14763       65       AX14855       74       AX15636       70         AX14764       65       AX14889       323       AX15643       315         AX14765       65       AX14906       292       AX15672       337         AX14766       65       AX14908       305       AX15689       335         AX14776       65       AX14908       305       AX15723       312         AX14772       66       AX14964       320       AX15736       340         AX14773       67       AX14968       319       AX15899       342         AX14776       67       AX14968       319       AX15899       342         AX14777	AX14753	60	AX14846	73	AX15490	292
AX14756       64       AX14849       73       AX15581       .75         AX14757       64       AX14850       .73       AX1590       .313         AX14758       .64       AX14851       .74       AX15630       .75         AX14759       .64       AX14852       .74       AX15635       .70         AX14760       .64       AX14853       .74       AX15636       .70         AX14763       .65       AX14855       .74       AX15636       .70         AX14764       .65       AX14899       .323       AX15644       .315         AX14765       .65       AX14906       .292       AX15672       .337         AX14767       .65       AX14908       .305       AX15689       .335         AX14772       .66       AX14908       .305       AX15733       .312         AX14773       .67       AX14964       .320       AX15736       .340         AX14775       .67       AX14968       .319       AX15809       .342         AX14776       .67       AX14993       .336       AX20001       .75         AX14777       .67       AX14994       .309       AX20001BUK       .75	AX14754	64	AX14847	73	AX15553	315
AX14757         64         AX14850         .73         AX15590         .313           AX14758         .64         AX14851         .74         AX15630         .75           XX14759         .64         AX14852         .74         AX15635         .70           XX14760         .64         AX14853         .74         AX15636         .70           AX14763         .65         AX14855         .74         AX15643         .315           AX14764         .65         AX14889         .323         AX15644         .315           X14765         .65         AX14906         .292         AX15672         .337           XX14766         .65         AX14908         .305         AX15689         .335           XX14777         .65         AX14904         .320         AX15736         .340           XX14772         .66         AX14964         .320         AX15752         .341           AX14775         .67         AX14968         .319         AX15809         .342           AX14776         .67         AX14968         .319         AX15809         .342           AX14778         .66         AX15912         .326         AX111637         .48 <td>AX14755</td> <td>63</td> <td>AX14848</td> <td>73</td> <td>AX15555</td> <td>298</td>	AX14755	63	AX14848	73	AX15555	298
AX14758       64       AX14851       .74       AX15630       .75         AX14759       .64       AX14852       .74       AX15635       .70         AX14760       .64       AX14853       .74       AX15635       .70         AX14763       .65       AX14855       .74       AX15643       .315         AX14764       .65       AX14889       .323       AX15644       .315         AX14765       .65       AX14906       .292       AX15672       .337         AX14766       .65       AX14908       .305       AX15689       .335         AX14767       .65       AX14910       .326       AX15736       .340         AX14772       .66       AX14964       .320       AX15736       .340         AX14775       .67       AX14968       .319       AX15809       .342         AX14776       .67       AX14988       .319       AX15809       .342         AX14777       .67       AX14988       .319       AX15809       .342         AX14776       .67       AX14993       .336       AX20001       .75         AX14777       .67       AX14994       .309       AX20001-BULK	AX14756	64	AX14849	73	AX15581	75
AX14759       64       AX14852       .74       AX15635       .70         AX14760       .64       AX14853       .74       AX15636       .70         AX14763       .65       AX14885       .74       AX15643       .315         AX14764       .65       AX14889       .323       AX15644       .315         AX14765       .65       AX14906       .292       AX15672       .337         AX14766       .65       AX14908       .305       AX15689       .335         AX14772       .66       AX14910       .326       AX15736       .340         AX14773       .67       AX14965       .321       AX15752       .341         AX14775       .67       AX14968       .319       AX15809       .342         AX14775       .67       AX14968       .319       AX15809       .342         AX14776       .67       AX14968       .319       AX15809       .342         AX14775       .67       AX14968       .319       AX15809       .342         AX14776       .67       AX14994       .309       AX20001-BULK       .75         AX14778       .66       AX15012       .326       AX111637       <	AX14757	64	AX14850	73	AX15590	313
AX14760       .64       AX14853       .74       AX15636       .70         AX14763       .65       AX14855       .74       AX15643       .315         AX14764       .65       AX14889       .323       AX15644       .315         AX14765       .65       AX14906       .292       AX15672       .337         AX14766       .65       AX14908       .305       AX15689       .335         AX14770       .65       AX14910       .326       AX15733       .312         AX14772       .66       AX14964       .320       AX15736       .340         AX14775       .67       AX14968       .319       AX15809       .342         AX14775       .67       AX14968       .319       AX15809       .342         AX14776       .67       AX14993       .336       AX20001       .75         AX14776       .67       AX14994       .309       AX20001-BULK       .75         AX14777       .67       AX15014       .295       AX111637       .48         AX14788       .66       AX15012       .326       AX11642       .48         AX14781       .67       AX15014       .295       AX111642	AX14758	64	AX14851	74	AX15630	75
AX14763       65       AX14855       74       AX15643       315         AX14764       65       AX14889       323       AX15644       315         AX14765       65       AX14906       292       AX15672       337         AX14766       65       AX14908       305       AX15689       335         AX14767       65       AX14910       326       AX15733       312         AX14772       66       AX14964       320       AX15736       340         AX14773       67       AX14965       321       AX15752       341         AX14775       67       AX14968       319       AX15809       342         AX14776       67       AX14993       336       AX20001       75         AX14777       67       AX14994       309       AX20001-BULK       75         AX14778       66       AX15012       326       AX111637       48         AX14780       67       AX15012       326       AX111642       48         AX14784       66       AX15041       295       AX111642       48         AX14785       68       AX15042       312       AX121273       53         <	AX14759	64	AX14852	74	AX15635	70
AX14764       65       AX14889       323       AX15644       315         AX14765       65       AX14906       292       AX15672       337         AX14766       65       AX14908       305       AX15689       335         AX14767       65       AX14910       326       AX15723       312         AX14772       66       AX14964       320       AX15736       340         AX14773       67       AX14968       319       AX15809       342         AX14775       67       AX14968       319       AX15809       342         AX14776       67       AX14993       336       AX20001       75         AX14776       67       AX14994       309       AX20001-BULK       75         AX14777       67       AX14994       309       AX20001-BULK       75         AX14788       66       AX15012       326       AX111637       48         AX14781       67       AX15014       295       AX111642       48         AX14784       66       AX15042       312       AX121273       53         AX14785       68       AX15042       312       AX121273A-BULK       53      <	AX14760	64	AX14853	74	AX15636	70
AX14765       65       AX14906       292       AX15672       337         AX14766       65       AX14908       305       AX15689       335         AX14767       65       AX14910       326       AX15723       312         AX14772       66       AX14964       320       AX15736       340         AX14773       67       AX14965       321       AX15752       341         AX14775       67       AX14968       319       AX15809       342         AX14776       67       AX14993       336       AX20001       75         AX14777       67       AX14994       309       AX20001-BULK       75         AX14778       66       AX15012       326       AX111637       48         AX14780       67       AX15014       295       AX111642       48         AX14784       66       AX15012       323       AX115027       48         AX14785       68       AX15042       312       AX121273-BULK       53         AX14786       68       AX15044       327       AX121273-BULK       53         AX1480       68       AX15047       332       AX121273A-BULK       52	AX14763	65	AX14855	74	AX15643	315
AX14766       .65       AX14908       .305       AX15689       .335         AX14767       .65       AX14910       .326       AX15723       .312         AX14772       .66       AX14964       .320       AX15736       .340         AX14773       .67       AX14965       .321       AX15752       .341         AX14775       .67       AX14968       .319       AX15809       .342         AX14776       .67       AX14993       .336       AX20001       .75         AX14777       .67       AX14994       .309       AX20001-BULK       .75         AX14778       .66       AX15012       .326       AX111637       .48         AX14780       .67       AX15014       .295       AX111642       .48         AX14781       .67       AX15021       .323       AX115027       .48         AX14784       .66       AX15042       .312       AX121273       .53         AX14785       .68       AX15044       .327       AX121273A-BULK       .53         AX14802       .68       AX15063       .327       AX121273A-BULK       .52         AX14808       .68       AX15063       .327       AX12	AX14764	65	AX14889	323	AX15644	315
AX14767       65       AX14910       326       AX15723       312         AX14772       66       AX14964       320       AX15736       340         AX14773       67       AX14965       321       AX15752       341         AX14775       67       AX14968       319       AX15809       342         AX14776       67       AX14993       336       AX20001       75         AX14777       67       AX14994       309       AX20001-BULK       75         AX14788       66       AX15012       326       AX111637       48         AX14780       67       AX15014       295       AX111642       48         AX14781       67       AX15021       323       AX15027       48         AX14784       66       AX15042       312       AX121273       53         AX14785       68       AX15044       327       AX121273-BULK       53         AX1486       68       AX15047       332       AX121273-BULK       52         AX14808       68       AX15063       327       AX121273-BULK       52         AX14809       69       AX15116       299       AX121276-       53	AX14765	65	AX14906	292	AX15672	337
AX14772       66       AX14964       320       AX15736       340         AX14773       67       AX14965       321       AX15752       341         AX14775       67       AX14968       319       AX15809       342         AX14776       67       AX14993       336       AX20001       75         AX14777       67       AX14994       309       AX20001-BULK       75         AX14778       66       AX15012       326       AX111637       48         AX14780       67       AX15014       295       AX11642       48         AX14781       67       AX15021       323       AX115027       48         AX14784       66       AX15042       312       AX121273       53         AX14785       68       AX15044       327       AX121273-BULK       53         AX14806       68       AX15047       332       AX121273-BULK       52         AX14808       68       AX15063       327       AX121273D       66         AX14809       69       AX15106       299       AX121274       53         AX14811       69       AX1518       316       AX121276       53 <t< td=""><td>AX14766</td><td>65</td><td>AX14908</td><td>305</td><td>AX15689</td><td>335</td></t<>	AX14766	65	AX14908	305	AX15689	335
AX14773       67       AX14965       321       AX15752       341         AX14775       67       AX14968       319       AX15809       342         AX14776       67       AX14993       336       AX20001       75         AX14777       67       AX14994       309       AX20001-BULK       75         AX14788       66       AX15012       326       AX111637       48         AX14780       67       AX15014       295       AX111642       48         AX14781       67       AX15021       323       AX115027       48         AX14784       66       AX15042       312       AX121273       53         AX14785       68       AX15044       327       AX121273-BULK       53         AX14806       68       AX15047       332       AX121273A-BULK       52         AX14808       68       AX15063       327       AX121273A-BULK       52         AX14809       69       AX15106       299       AX121273D       66         AX14810       69       AX15118       316       AX121276       53         AX14811       69       AX15155       323       AX1212776       55 </td <td>AX14767</td> <td>65</td> <td>AX14910</td> <td>326</td> <td>AX15723</td> <td>312</td>	AX14767	65	AX14910	326	AX15723	312
AX14775       67       AX14968       319       AX15809       342         AX14776       67       AX14993       336       AX20001       75         AX14777       67       AX14994       309       AX20001-BULK       75         AX14788       66       AX15012       326       AX111637       48         AX14780       67       AX15014       295       AX111642       48         AX14781       67       AX15021       323       AX115027       48         AX14784       66       AX15042       312       AX121273       53         AX14785       68       AX15044       327       AX121273-BULK       53         AX14802       68       AX15047       332       AX121273A-BULK       52         AX14808       68       AX15063       327       AX121273A-BULK       52         AX14809       69       AX15106       299       AX121274       53         AX14811       69       AX15118       316       AX121276A       52         AX14812       69       AX15155       323       AX121277       55         AX14817       69       AX15156       314       AX121277B       51 </td <td>AX14772</td> <td>66</td> <td>AX14964</td> <td>320</td> <td>AX15736</td> <td>340</td>	AX14772	66	AX14964	320	AX15736	340
AX14776       67       AX14993       336       AX20001       75         AX14777       67       AX14994       309       AX20001-BULK       75         AX14778       66       AX15012       326       AX111637       48         AX14780       67       AX15014       295       AX111642       48         AX14781       67       AX15021       323       AX115027       48         AX14784       66       AX15042       312       AX121273       53         AX14785       68       AX15044       327       AX121273-BULK       53         AX14802       68       AX15047       332       AX121273A-BULK       52         AX14808       68       AX15063       327       AX121273A-BULK       52         AX14809       69       AX15106       299       AX121274       53         AX14810       69       AX15112       322       AX121276       53         AX14811       69       AX15118       316       AX121276A       52         AX14812       69       AX15156       314       AX121277B       55	AX14773	67	AX14965	321	AX15752	341
AX14777       67       AX14994       309       AX20001-BULK       .75         AX14778       66       AX15012       326       AX111637       .48         AX14780       67       AX15014       295       AX111642       .48         AX14781       67       AX15021       323       AX115027       .48         AX14784       66       AX15042       312       AX121273       .53         AX14785       68       AX15044       327       AX121273-BULK       .53         AX14786       68       AX15047       332       AX121273A       .52         AX14802       68       AX15052       297       AX121273A-BULK       .52         AX14808       68       AX15063       327       AX121273D       .66         AX14809       69       AX15106       299       AX121274       .53         AX14810       69       AX15112       322       AX121276       .53         AX14811       69       AX15155       323       AX121277       .55         AX14817       69       AX15156       314       AX121277B       .51	AX14775	67	AX14968	319	AX15809	342
AX14778       66       AX15012       326       AX111637       48         AX14780       67       AX15014       295       AX111642       48         AX14781       67       AX15021       323       AX115027       48         AX14784       66       AX15042       312       AX121273       53         AX14785       68       AX15044       327       AX121273-BULK       53         AX14786       68       AX15047       332       AX121273A-BULK       52         AX14802       68       AX15063       327       AX121273A-BULK       52         AX14808       68       AX15063       327       AX121273D       66         AX14809       69       AX15106       299       AX121274       53         AX14810       69       AX15112       322       AX121276       53         AX14811       69       AX15155       323       AX121277       55         AX14817       69       AX15156       314       AX121277B       51	AX14776	67	AX14993	336	AX20001	75
AX14780       67       AX15014       295       AX111642       48         AX14781       67       AX15021       323       AX115027       48         AX14784       66       AX15042       312       AX121273       53         AX14785       68       AX15044       327       AX121273-BULK       53         AX14786       68       AX15047       332       AX121273A-BULK       52         AX14802       68       AX15052       297       AX121273A-BULK       52         AX14808       68       AX15063       327       AX121273D       66         AX14809       69       AX15106       299       AX121274       53         AX14810       69       AX15112       322       AX121276       53         AX14811       69       AX15155       323       AX121277A       55         AX14817       69       AX15156       314       AX121277B       51	AX14777	67	AX14994	309	AX20001-BULK	75
AX14781       67       AX15021       323       AX115027       48         AX14784       66       AX15042       312       AX121273       53         AX14785       68       AX15044       327       AX121273-BULK       53         AX14786       68       AX15047       332       AX121273A       52         AX14802       68       AX15052       297       AX121273A-BULK       52         AX14808       68       AX15063       327       AX121273D       66         AX14809       69       AX15106       299       AX121274       53         AX14810       69       AX15112       322       AX121276       53         AX14811       69       AX15118       316       AX121276A       52         AX14812       69       AX15155       323       AX121277       55         AX14817       69       AX15156       314       AX121277B       51	AX14778	66	AX15012	326	AX111637	48
AX14784       66       AX15042       312       AX121273       53         AX14785       68       AX15044       327       AX121273-BULK       53         AX14786       68       AX15047       332       AX121273A       52         AX14802       68       AX15052       297       AX121273A-BULK       52         AX14808       68       AX15063       327       AX121273D       66         AX14809       69       AX15106       299       AX121274       53         AX14810       69       AX15112       322       AX121276       53         AX14811       69       AX15118       316       AX121276A       52         AX14812       69       AX15155       323       AX121277       55         AX14817       69       AX15156       314       AX121277B       51	AX14780	67	AX15014	295	AX111642	48
AX14785       68       AX15044       327       AX121273-BULK       53         AX14786       68       AX15047       332       AX121273A       52         AX14802       68       AX15052       297       AX121273A-BULK       52         AX14808       68       AX15063       327       AX121273D       66         AX14809       69       AX15106       299       AX121274       53         AX14810       69       AX15112       322       AX121276       53         AX14811       69       AX15118       316       AX121276A       52         AX14812       69       AX15155       323       AX121277       55         AX14817       69       AX15156       314       AX121277B       51	AX14781	67	AX15021	323	AX115027	48
AX14786       68       AX15047       332       AX121273A       52         AX14802       68       AX15052       297       AX121273A-BULK       52         AX14808       68       AX15063       327       AX121273D       66         AX14809       69       AX15106       299       AX121274       53         AX14810       69       AX15112       322       AX121276       53         AX14811       69       AX15118       316       AX121276A       52         AX14812       69       AX15155       323       AX121277       55         AX14817       69       AX15156       314       AX121277B       51	AX14784	66	AX15042	312	AX121273	53
AX14802       68       AX15052       297       AX121273A-BULK       52         AX14808       68       AX15063       327       AX121273D       66         AX14809       69       AX15106       299       AX121274       53         AX14810       69       AX15112       322       AX121276       53         AX14811       69       AX15118       316       AX121276A       52         AX14812       69       AX15155       323       AX121277       55         AX14817       69       AX15156       314       AX121277B       51	AX14785	68	AX15044	327	AX121273-BULK	53
AX14808       68       AX15063       327       AX121273D       66         AX14809       69       AX15106       299       AX121274       53         AX14810       69       AX15112       322       AX121276       53         AX14811       69       AX15118       316       AX121276A       52         AX14812       69       AX15155       323       AX121277       55         AX14817       69       AX15156       314       AX121277B       51	AX14786	68	AX15047	332	AX121273A	52
AX14809       69       AX15106       299       AX121274       53         AX14810       69       AX15112       322       AX121276       53         AX14811       69       AX15118       316       AX121276A       52         AX14812       69       AX15155       323       AX121277       55         AX14817       69       AX15156       314       AX121277B       51	AX14802	68	AX15052	297	AX121273A-BULK	52
AX14810       69       AX15112       322       AX121276       53         AX14811       69       AX15118       316       AX121276A       52         AX14812       69       AX15155       323       AX121277       55         AX14817       69       AX15156       314       AX121277B       51	AX14808	68	AX15063	327	AX121273D	66
AX14811       69       AX15118       316       AX121276A       52         AX14812       69       AX15155       323       AX121277       55         AX14817       69       AX15156       314       AX121277B       51	AX14809	69	AX15106	299	AX121274	53
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