



Indirect Ophthalmoscopes

Keeler are the No.1 supplier of Indirect Ophthalmoscopes in the UK



Since the launch of the Keeler Fison Indirect Ophthalmoscope in 1957, Keeler has established its reputation for providing the most durable and reliable Indirect Ophthalmoscopes available today. The introduction of wireless technology, bright, white, LED illumination and our new ground breaking Vantage Plus Digital, designed to capture still or dynamic images on your PC, are just some of our latest innovations. Read on to find out more.

New Vantage Plus Digital Ophthalmoscope

As the world leader in binocular indirect technology we lead the way again with the first digital binocular indirect system. Not old analog video but true digital imaging.

New LED exclusively on Vantage Plus, Spectra Plus and now All Pupil II

The LED cooler colour provides a brighter, whiter illumination providing greater detail, allowing you to find retinal pathology that is not visible with Xenon illumination.

Comfort and balance

Lightweight materials with soft cushioning and a non slip contoured shaped headband maximise comfort and balance, particularly important during long examinations.

Clear, sharp images – enclosed KeeView Optics™

Our optics are specially coated and individually laser aligned to provide the sharpest, clearest images every time.

Adjustable brilliant illumination

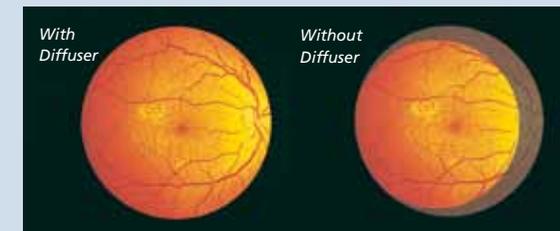
Why have all of the controls on the wall when the instrument is on your head? On the All Pupil II and Vantage Plus the illumination rheostat is located on the headband providing easily accessible fully controllable light. Keeler indirects have the brightest illumination that can be turned down to as low as 2% of maximum if required.

Wide angle diffuser

The Keeler wide angle diffuser eliminates shadows on the edge of the condensing lens expanding the field of view significantly, particularly useful during difficult and peripheral examinations. There is also less discomfort for the patient because the light is softer.

Apertures and filters

-  **Red Free** - This filter is used to examine blood vessels in fine detail. By filtering out the red light, blood vessels are silhouetted black against a green background.
-  **Cobalt Blue** - This filter is used with fluorescein dye for angiography.
-  **Large Aperture** - Ideal when examining fully dilated pupils.
-  **Intermediate** - Ideal for children and sensitive patients.
-  **Small Aperture** - Ideal for undilated pupils.
-  **Diffuser**





Vantage Plus Digital

As the world leader in binocular indirect technology we lead the way again with the first digital binocular indirect system. Not old analog video but true digital imaging. Utilise the Vantage Plus Digital Wireless in your office, operating room, and teaching facility or anywhere you want to capture digital images.

Keeler Software

The intuitive, easy to use, Keeler Software allows you to use your PC to provide still or dynamic images, which aid in the documentation and diagnosis of your patient.

Compatible with Windows 7 and Windows XP.

Increase your practice profile

Educate your patients and their family with digital dynamic imaging in your office.

USB interface

Plugs into your PC to record examinations in digital format.

Vantage Plus LED Slimline Wireless

Built on the number one selling LED and wireless slimline system.



P D Range: 48 - 76mm

Part number

1205-P-5010 Vantage Plus Digital Indirect Ophthalmoscope



Note: The distance and range will vary with differing refractive errors of the user. To maximise performance of this product, the user should use refractive error correction aids and adopt a working distance of around 450mm (front of instrument to eye under test) when used with a 20D lens.

Vantage Plus Digital Technical Specifications

Camera

- Interface** USB 2
- Supply** Taken from USB 2 interface
- Resolution** To test pattern 6 of group 2 on the 1951 USAF TEST PATTERN (conforms to MIL-STD 150A standard), when used in combination with a 20D lens
- Lead** To connect camera to PC, Keeler recommends a maximum of 5m long USB 2.0A to mini 5 pin (sometimes packaged as USB 2.0A to mini B lead)

Convergence

- Range** The camera image can be adjusted ± 7 degrees

Working distance

- Range** Nominal working distance of 440mm. The resolution value given above will be maintained at 350mm to 650mm distance from instrument to the eye under examination with a 20D lens

Operating System

- Use with** Windows 7 and Windows XP

Vantage Plus

- Controls** All controls and features of the Vantage Plus have been maintained

Adjustment

- Vertical adjustment** The vertical adjustment is achieved by rotating the adjustment screw on the mirror holder. The image should be adjusted such that the light patch is in the centre

- Horizontal adjustment** Factory set

- Depth of Field** ± 35 mm @ 440mm

Physical

- Size** The Vantage Plus Digital is approx. 50mm longer than the standard Vantage Plus
- Weight** The total weight of the complete Vantage Plus Digital is 662g (Vantage Plus is 596g)