

## Direct Ophthalmoscopes

A combination of optical perfection, superb ergonomics and versatile features make Keeler direct ophthalmoscopes the ideal choice. Whatever your requirement from basic examination to detailed diagnosis, there is a Keeler ophthalmoscope for you. The next couple of pages will guide your choice but first read on to discover the benefits shared by all Keeler ophthalmoscopes as standard.

**Keeler optical system – the more you see the better the diagnosis**

Keeler's wide angle light beam and individual mirror alignment ensures that whatever the patient's pupil size, you will see the clearest view of the retina.

**Comfort and fit**

With curved surfaces and subtle patient side marking, the contoured, curved ophthalmoscope head guarantees an optimal viewing angle and the smooth line surfaces ensure a patient friendly non-threatening instrument.

**Slimline handles**

Keeler hand holds are supplied on a slimline, lightweight robust handle.

**Light, tough and built to last**

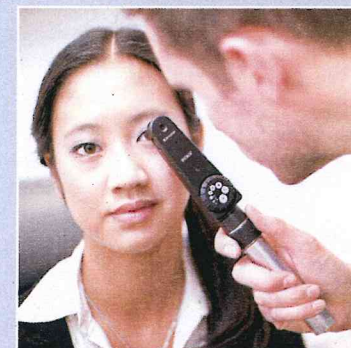
Keeler ophthalmoscopes are built from resilient, lightweight materials to give you many years of trouble free service. High impact resistant covers combined with a strong, rigid chassis protect the carefully aligned optics.

**Controllable light for bright, clear images**










The bright white Halogen or Xenon illumination is fully adjustable from zero. This ensures the comfort of your patients and the best possible diagnosis for you.

**Reflex free images**

Individually controlled optics reduce the effect of corneal reflex whilst minimising shadows and providing clearer retinal visualisation.



### Apertures, graticules and filters

-  **Wide Angle** - Illuminates the largest area of fundus for the best general diagnosis through a dilated pupil.
-  **Intermediate** - Easier access through undilated pupils and in peripheral examination. Ideal for paediatric examination.
-  **Macular** - For examination of the macular region of the fundus where a larger beam would create excessive pupillary reaction or patient discomfort.
-  **Slit** - To determine retinal elevations and depressions, can also be used to assess anterior chamber depth.
-  **Glaucoma** - Projects a graticule onto the retina to assess the optic cup/disc ratio as an aid to glaucoma diagnosis.
-  **Fixation Cross** - Projects a graticule onto the retina for assessment of the degree and direction of eccentric fixation.
-  **Red Free and Fixation Cross** - is for vessel examination with a fixation cross for assessment of eccentric fixation.
-  **Red Free** - Used to examine blood vessels in fine detail. Blood vessels are silhouetted black against a dark green background.
-  **Cobalt Blue** - Use with fluorescein dye for the examination of corneal scars and abrasions.

## Specialist

The World's  
finest Direct  
Ophthalmoscope



We recognise that illumination is of fundamental importance to good diagnosis. The re-engineered optics give 30% more Xenon illumination and because it is longer lasting, that means fewer bulb changes giving greater peace of mind.

### 30% more illumination

Re-engineered optics give 30% more illumination to get through, for example, cloudy media and cataracts.

### Lightweight and well balanced

Almost 50% lighter, the Specialist combined with the slimline handle is perfectly balanced.

### Expanded dioptre range

The most comprehensive lens range available in a direct ophthalmoscope, +44D to -45D lens range guarantees optimal diagnosis in any situation.

### Slimmer optics

Slimmer and enclosed viewing optics enable you to get closer to the eye providing a wider field of view.

### Premium hand made optics

The Morton Lens Track system, made up of individually ground glass lenses ensures an optimal view.

### New Cobalt Blue filter

The new blue filter can be used in conjunction with fluorescein dye for the detection and examination of corneal scars and abrasions.

### Pupillometer gauge

The pupillometer disc allows quick and easy estimation of pupil size.

Specialist/Vista  
Ophthalmoscope  
bulb



### Part numbers

1132-P-1157 3.6V Specialist Ophthalmoscope on Slimline Handle

1132-P-1149 2.8V Specialist Ophthalmoscope on Slimline Handle

### Accessories

1011-P-7034 Pack of 2 Vista 20/Specialist Ophth. Bulbs 3.6V Xenon

1011-P-7042 Pack of 2 Vista 20/Specialist Ophth. Bulbs 2.8V Halogen

