

Oftalmoscopio Diretto Keeler
- Specialist -



Keeler



L'Oftalmoscopio
diretto più
preciso al mondo



Specialist

30% di illuminazione in più

Ottiche ridisegnate per dare il 30% d'illuminazione in più per vedere attraverso cataratte e annebbiamento. Sorgente luminosa A led al alto rendimento.

Leggerezza e equilibrio

Ancora più leggero, lo Specialist combina una linea snella con un perfetto equilibrio. Testina removibile.

Diottria

Range di correzione diottrica: +44D a -45D per garantire analisi ottiche in ogni condizione.

Ottiche Premium fatte a mano

Il sistema di Lenti Morton assicura un visione ottica ottimale.

Nuovo filtro blue cobalto

Il nuovo filtro blu cobalto può essere utilizzato congiuntamente con la fluoresceina per gli esami della cornea in caso di abrasioni della cornea.

Alimentazione

Alimentazione a batterie ricaricabili integrate nel manico.

Stazione di ricarica batterie.

Pupillometro

IL disco del pupillometro permette una stima veloce e affidabile della misurazione della pupilla.

Custodia

Completo di custodia protettiva per il trasporto.



BULBO OFTALMOSCOPIO

Keeler Direct Ophthalmoscopes



Keeler



Direct Ophthalmoscopes

NEW
LED
LIGHT
SOURCE



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 helds 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 new bright white LED, 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.



Bright, white LED
illumination



3 x Longer lasting
battery life

New LED Light Source

Keeler Direct Ophthalmoscopes are now available with a new LED light source, giving bright, white illumination and 3 x longer lasting battery life.

Battery Life	Battery will last 3 x longer with the new LED light source than the existing filament bulb at maximum brightness before requiring a re-charge.
Patch Quality	Homogenous, sharp, clear patch.
Colour Temperature	3000K which equates to a neutral coloured patch.
CRI	High-CRI therefore colours are rendered more accurately.
Electronics	Uses the latest in LED technology.
Compatibility	The LED light source is compatible with the Specialist, Professional, Practitioner and Standard Keeler Ophthalmoscope heads and the 3.6V lithium ion rechargeable handle and the 2.8V primary cell handle.

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 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.

Part numbers

1132-P-1157	3.6V SPECIALIST OPHTH (RECHARGEABLE)
1132-P-1149	2.8V SPECIALIST OPHTH IN CASE
1131-P-5228	SPECIALIST OPHTH + LED MODULE

Accessories

1011-P-7034	SPEC/VISTA HAL BULB 3.6V PKT2
1011-P-7042	SPEC/VISTA HAL BULB 2.8V PKT2
1011-P-5637	SPECIALIST LED ASSY



NEW LED
light source



Specialist/Vista
Ophthalmoscope
bulb





Professional

The Professional Ophthalmoscope has been designed to ensure ultimate control. Lenses, graticules and filters can all be introduced at the touch of a fingertip without the need to pull away from the patient.

Positive action maywheel and comprehensive lens range

The positive action, easy access, maywheel not only allows you to dial up the required lens quickly, but also gives you total control of where you are in the lens range making each exam quicker and easier.

The extensive range of +29D to -30D in single dioptre steps ensures easy examination of all ocular structures and covers a wide range of patient/user prescriptions. A quick step swing of +/- 20D helps speed up diagnosis.

Choice of illumination

The Professional now has a choice of Xenon or new LED illumination for a brighter and whiter long lasting light. Giving you 3 x longer battery life.



Swing over filter

The red free filter for enhanced vessel examination can be used in conjunction with any of the 6 diagnostic beams.

Brow rest

The integral soft brow rest allows for easy positioning and protects your lenses if you are a spectacle wearer.

Part numbers

1128-P-1014	3.6V PROFESSIONAL OPHTH IN CASE
1128-P-1015	3.6V LED PROFESSIONAL OPHTH IN CASE
1128-P-1013	2.8V PROFESSIONAL OPHTH IN CASE
1128-P-5008	PROFESSIONAL OPHTH + LED MODULE
Accessories	
1011-P-7114	STD/PRACT/PROF XE BULB 3.6V PKT2
1011-P-7106	STD/PRACT/PROF XE BULB 2.8V PKT2
1011-P-5610	OPHTH LED ASSY

Professional Retinoscope



Optimised for outstanding performance with either a Streak or Spot halogen beam with a simple bulb change. Plus the new LED Professional Streak Retinoscope is now available!

Choice of illumination

Choose between 600 lux of brilliant halogen illumination or the new LED Retinoscope. Whichever you choose, the Professional guarantees you enough light to refract even the most difficult eyes.

New LED Professional Streak Retinoscope

Gives you better contrast, image quality and longer battery life.

Neutralisation check (Patented)

The only Retinoscope allowing rapid confirmation of neutralisation. You can change the beam from divergent to convergent enabling you to cross check the accuracy of the neutral point, guaranteeing the assessment is correct every time.

Precision magnetic control (Patented)

Improved 360° access to a single control for both rotation and convergence adjustments. The precision movements are achieved by use of rare earth magnet technology.

Two position aperture

A simple finger movement allows a choice of 4mm or 1.7mm aperture to optimise brightness or resolution of the retinal reflex.

Part numbers

1302-P-1014	3.6V PROFESSIONAL STREAK LED RETINOSCOPE AND CASE
1302-P-1011	3.6V PROFESSIONAL STREAK RETINOSCOPE IN CASE
1302-P-1009	3.6V PROFESSIONAL SPOT RETINOSCOPE IN CASE
1302-P-1013	2.8V PROFESSIONAL STREAK LED RETINOSCOPE AND CASE
1302-P-1010	2.8V PROFESSIONAL STREAK RETINOSCOPE IN CASE
1302-P-1008	2.8V PROFESSIONAL SPOT RETINOSCOPE IN CASE

Accessories

1305-P-7000	STREAK RET LED BLISTER PACK
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Professional Combi Retinoscope Bulbs

1013-P-7009	VISTA/PROF STREAK BULB 3.6V PKT2
1013-P-7011	PROF SPOT BULB 3.6V PKT2
1013-P-7010	PROF SPOT BULB 2.8V PKT2

Vista Retinoscope Bulbs

1013-P-7009	VISTA/PROF STREAK BULB 3.6V PKT2
1013-P-7007	VISTA SPOT HAL BULB 3.6V PKT2
1013-P-7006	VISTA SPOT HAL BULB 2.8V PKT2



NEW LED
Streak light
source



Professional/
Vista Streak
Retinoscope bulb



Professional/
Vista Spot
Retinoscope bulb





Ophthalmoscope/Retinoscope Sets

Ophthalmoscope/Retinoscope Sets

You can purchase your Ophthalmoscope and Retinoscope in a slimline double handle case and add in a Lithium Double Charger.

Part numbers Specialist Ophthalmoscope/Retinoscope Sets

1427-P-1104	3.6V STREAK LED RETINOSCOPE AND SPECIALIST OPHTHALMOSCOPE
1427-P-1063	SLIMLINE 3.6V STREAK RET AND SPECIALIST OPHTH
1427-P-1065	SLIMLINE 3.6V SPOT RET AND SPECIALIST OPHTH
1427-P-1103	2.8V STREAK LED RETINOSCOPE AND SPECIALIST OPHTHALMOSCOPE
1427-P-1062	SLIMLINE 2.8V STREAK RET AND SPECIALIST OPHTH
1427-P-1064	SLIMLINE 2.8V SPOT RET AND SPECIALIST OPHTH
1427-P-1116	3.6V SPECIALIST & COMBI LED ONLY STUDENT SET
1427-P-1119	3.6V SPECIALIST STUDENT SET LED ONLY VOLK

Professional Ophthalmoscope/Retinoscope sets

1427-P-1102	3.6V STREAK LED RETINOSCOPE & PROFESSIONAL OPHTHALMOSCOPE
1427-P-1059	3.6V STREAK/PROFESSIONAL SET WITH 2 HANDLES
1427-P-1061	SLIMLINE 3.6V SPOT RET AND PROFESSIONAL OPHTH
1427-P-1101	2.8V STREAK LED RETINOSCOPE & PROFESSIONAL OPHTHALMOSCOPE
1427-P-1058	SLIMLINE 2.8V STREAK RET AND PROFESSIONAL OPHTH
1427-P-1060	SLIMLINE 2.8V SPOT RET AND PROFESSIONAL OPHTH
1427-P-1071	3.6V MAGNETIC STREAK RET/PROFESSIONAL OPHTH AND HANDLE
1427-P-1117	3.6V PROFESSIONAL LED ONLY STUDENT SET
1427-P-1118	3.6V PROFESSIONAL STUDENT SET LED ONLY VOLK



Specialist Ophthalmoscope/Retinoscope Set



Professional Ophthalmoscope/Retinoscope Set

Ophthalmoscope/Retinoscope Wall Units

Wall Units

Keeler's anti-theft designed Ophthalmoscopes and Retinoscopes have a lockable head and handle fitting so you'll always find them where you left them.

- Strong coiled tangle-free cable permits instrument use up to 3 meters from the transformer
- The robust construction is ideal for busy working conditions
- Automatic illumination when instruments are removed from cradle. With LED confirmation

Part numbers

1964-P-2001	DOUBLE CORD HANDLE POWER SUPPLY
1132-P-1050	3.6V SPECIALIST OPHTH HEAD AND BULB
1128-P-1004	3.6V PROFESSIONAL OPHTH IN CARTON
1132-P-1042	2.8V SPECIALIST OPHTH HEAD AND BULB
1128-P-1003	2.8V PROFESSIONAL OPHTH IN CARTON
1302-P-1012	PROFESSIONAL STREAK LED RETINOSCOPE HEAD
1302-P-1007	3.6V STREAK HEAD IN CARTON
1302-P-1005	3.6V SPOT MAGNETIC RET
1302-P-1006	2.8V STREAK MAGNETIC RET
1302-P-1004	2.8V SPOT MAGNETIC RET



Wall Unit

If you require a wall unit you will need to order the transformer unit which comes with the 2 x handles and each individual head.

NEW LED
light source
available with Sets



*Ophthalmoscope/Retinoscope Set
For Colour Coded Grips please see overleaf*

1941-P-1368	LITHIUM DOUBLE CHARGER
1999-P-7308	DOUBLE CHARGER WALL MOUNT KIT



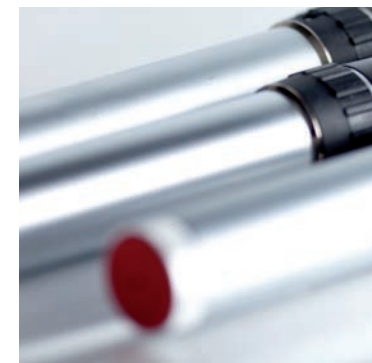
Accessories

Colour Coded Grips

Add a bit of colour to your diagnostic area with colour coded grips. Available in four colours these new grips are not only fun but functional too!

Available individually or as an assorted pack of four, choose from pink, green, blue or black.

Near Point Cards for Retinoscopy



Keeler Slimline Handles

Spare handles for your instruments available in 3.6V Lithium rechargeable (red base) or 2.8V Battery (blue base) options.

Part numbers

Colour Coded Grips

1901-P-7028	PINK
1901-P-7036	GREEN
1901-P-7044	BLUE
EP29-05365	BLACK
1901-P-7052	PACK OF FOUR ASSORTED COLOUR CODED GRIPS

Near Point Cards for Retinoscopy

1321-P-7021 NEAR POINT CARDS FOR RETINOSCOPY

Keeler Slimline Handles

1911-P-1201	3.6V SLIMLINE HANDLE
1901-P-1101	2.8V SLIMLINE HANDLE

Chargers and Upgrade Kits

A two hour fast charge and over 2 hours continuous use means your instrument is always ready for use. Choose between the Lithium-ion Double or Mini Chargers.

Over 2 hours of continuous use

Ideal for long examinations especially while first learning with your instrument.

LED displays

LEDs indicate when battery life is low, charging or fully charged.

Lithium-ion Double Charger

The compact charger takes two handles and fits neatly into your immediate testing environment, allowing easy access to your hand held instruments. It can be desk or wall mounted.

Lithium-ion Mini charger

Can be connected quickly and simply to the base of your Keeler handle, making it the perfect choice for domiciliary visits or practitioners on the move. Your instruments can still be used whilst the battery is charging.



Upgrade Kits

Keep your existing heads and upgrade to Lithium-ion. The Double Lithium Upgrade Kit (pictured) includes 2 x handles and a Lithium-ion Double Charger.

The Mini Charger Upgrade Kit includes 1 x handle and a Lithium-ion Mini Charger.

Part numbers

1941-P-1368	LITHIUM DOUBLE CHARGER
1941-P-1341	LITHIUM MINI CHARGER

Upgrade Kits

1911-P-1228	LITHIUM DUO CHARGER AND 2 SLIMLINE HANDLES
1911-P-1236	SLIMLINE HANDLE AND MINI CHARGER

Lithium Battery

EP39-18918	3.6V LITHIUM BATTERY
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More Keeler Instruments

For over ninety years we have manufactured top quality precision ophthalmic instruments.

View our full range at
www.keeler.co.uk | www.keelerusa.com

Got a question? - Call us

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