



MEDICAL DIAGNOSTIC INSTRUMENTS  
2020





At Opticlar, our aim is clear; to provide the most comprehensive choice of hand-held medical diagnostic equipment, featuring the latest technologies and innovations to enhance the working practices of clinicians around the world.

The development of our products is built on more than 60 years' experience in the field and this unrivalled depth of knowledge and expertise can be seen in every piece of equipment in this new catalogue.



## Setting the **standard** for miniaturised optics, precision engineering and **state-of-the-art** diagnostic technology

**VISION**<sub>LED</sub>**MED** **VISION**<sub>LED</sub>**MAG** **VISION**<sub>LED</sub>**MAX** **VISION**<sub>LED</sub>**AIR** **VISION**<sub>LED</sub>**VET**

With continual investment in research and design, many of our products incorporate unique features and benefits, some of which are universal across the entire Opticlar range.

### True-Tone LEDs

Powering the illumination of all our instruments, our unique True-Tone LEDs provide consistent, high quality light and excellent colour-rendering to ensure a natural image with enhanced detail and no colour distortion. Their working life of 10,000 hours is some 400 times that of traditional halogen bulbs and such is our confidence in their performance that we offer a 10-year warranty on the illumination source and significant cost savings over the life of the instrument.

### Optical clarity

Our precision engineered optics provide outstanding image quality, with no distortion and edge-to-edge clarity, while multi-coatings on most optics reduce UV and IR glare and minimise patient discomfort too.

### Class-leading power supplies

With a choice of rechargeable batteries or mains power supply, our instruments have the versatility that makes them eminently suitable to every working environment – and whichever you choose, you can be sure of low consumption, rapid recharging and ultra-long working durations.

### Complete confidence

Our instruments have proved themselves to be supremely reliable, with expensive downtime kept to an absolute minimum and little or no extra maintenance costs during their working life. And for further reassurance, there's also a no-quibble 5-year warranty on every instrument we make.

### Worldwide focus

From our headquarters in Poole, on the Dorset coast, we now distribute our products through an extensive network of partners in Europe, Asia and Australasia. Our expansion is on-going and we're always keen to meet like-minded companies who would like to join our team. Simply get in touch to find out more.



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General medicine,  
ENT, ophthalmics  
and dermatology

### VISION<sup>LED</sup>MAG

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Operating loupes,  
lighting and  
microscopes

### VISION<sup>LED</sup>MAX

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Examination,  
personal and  
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### VISION<sup>LED</sup>AIR

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Laryngoscopes  
and airway  
management

### VISION<sup>LED</sup>VET

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Instruments for  
all aspects of  
veterinary medicine

# OPTICLAR

## LED DIAGNOSTIC SETS AND INSTRUMENTS

High Quality. Long-lasting. Professional. Economic

- CONVINCING** OPTICLAR instruments are built to last. The exceptional care taken at all stages of design and manufacture make them ideal for long term use in busy clinics and practices.
- VERSATILE** The OPTICLAR range includes innovative new designs and useful upgrades on existing traditional styles. From LED Pocket Oscopes to Variable Focus Oscopes, there is sure to be a suitable item within our extensive range.
- INNOVATIVE** Together with leading institutions the OPTICLAR range has been continuously developed to provide the very best in hand held diagnostics.
- ECONOMICAL** Highly efficient Lithium-Ion charging systems and long life high quality materials ensure that OPTICLAR instruments are not only realistically priced but provide on going cost savings over the extensive life of the instrument.
- LONG LASTING** High performance medical grade LEDs provide constant bright illumination of the examination field and have a virtually unlimited life cycle.
- Expensive replacement bulbs are a thing of the past. You will never have to buy a spare bulb for the life of the instrument!*
- PRECISE** Precision optics with multi coated lenses guarantee high resolution, perfectly focussed images.
- RELIABLE** With an industry leading 10 year LED guarantee and a 5 year product warranty combined with UK based servicing and distribution offering a 48 hour return policy, you can be confident that your OPTICLAR instrument is ready for use when you are.
- CONVENIENT** With all sets assembled at our premises in Poole, Dorset you can be assured on a quick and reliable delivery. In the unlikely event of repairs or servicing being required we pride ourselves on a prompt 48 hour turn around ensuring your equipment is returned to you as quickly as possible.
- DURABLE** 5 year product warranty and 10 year LED warranty.



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.  
**Please see last pages for a detailed A-Z index**





### The LED Pocket Ophthalmoscope

- TrueTone™ LED
- 5 apertures
- Large and small spot
- Graticule with fixation ring slit
- Red Free (optional Cobalt Blue)
- 28 lenses from -20d to +25d
- Dust proofed
- Precise screw thread handle fitting
- 5 Year product warranty, 10 year LED warranty

#### Lens range

- 20 15 10 8 6 1-4 1-4 6 8 10 15 20 +

#### Apertures



**100.000.024**

LED Pocket Ophthalmoscope Head

### The LED Pocket Otoscope

- TrueTone™ LED
- 3x swivelling viewing window
- Fibre optic light transmission
- Clear unobstructed vision
- Precise screw thread handle fitting
- Heine™ tip fitting
- Heine™ screw handle fitting
- 5 Year product warranty, 10 year LED warranty

**100.000.022**

LED Pocket Otoscope Head

### The Professional, Durable, High Quality LED Pocket Set Range

- Choice of AA or Lithium-Ion rechargeable handles with precise on/off switch
- Long life metal screw thread fitting, compatible with Heine™ Mini Sets
- TrueTone™ LED for accurate colour rendering and easier diagnosis
- Unique 10 year LED warranty for lower running costs, never have to buy a spare bulb again
- 20,000 hour plus LED life guarantees unlimited use with no blown bulb downtime
- Disposable tip compatibility with Heine™
- Long battery life; AA cells circa. 60 hours, Lithium rechargeable circa. 5 hours
- UK based assembly and servicing with 48 hour turnaround on repairs and maintenance
- 5 year product warranty, 10 year LED warranty



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



### Opticlar LED Pocket Diagnostic Sets in Zipped Case

- 1 or 2 AA handles
- LED Ophthalmoscope head
- LED Otoscope
- Disposable tips
- Zip case
- 5 year product warranty
- 10 year LED warranty



**100.010.010**

Opticlar LED Pocket Diagnostic Set 2 Handles

Lens range

- 20 15 10 8 6 1-4 1-4 6 8 10 15 20 +

Apertures



**100.010.011**

Opticlar LED Pocket Diagnostic Set 1 Handle

### Opticlar LED Pocket Diagnostic Set in Pouch. 1 Handle



Lens range

- 20 15 10 8 6 1-4 1-4 6 8 10 15 20 +

Apertures



- 1 AA handle
- LED Ophthalmoscope head
- LED Otoscope
- Disposable tips
- Self-fastening pouch

**100.010.013**

Opticlar LED Pocket Diagnostic Set in Pouch, 1 Handle

### Opticlar LED Pocket Diagnostic Set in Pouch. 2 Handles



Lens range

- 20 15 10 8 6 1-4 1-4 6 8 10 15 20 +

Apertures



- 2 AA handles
- LED Ophthalmoscope head
- LED Otoscope
- Disposable tips
- Self-fastening pouch

**100.010.011**

Opticlar LED Pocket Diagnostic Set in Pouch, 2 Handles

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

### Opticlar LED Pocket Diagnostic Set

- 2 lithium rechargeable handles
- Twin port desk charger
- LED Ophthalmoscope head
- LED Otoscope with fibre optic light transmission
- Disposable tips with Heine™ tip fitting
- 5 year product warranty
- 10 year LED warranty

### Opticlar LED Pocket Diagnostic Set

- 1 lithium rechargeable handles
- Twin port desk charger
- LED Ophthalmoscope head
- LED Otoscope with fibre optic light transmission
- Disposable tips with Heine™ tip fitting
- 5 year product warranty
- 10 year LED warranty



**100.014.010**

Opticlar LED Pocket Diagnostic Set, Twin Charger, 2 Handles

**100.014.012**

Opticlar LED Pocket Diagnostic Set, Single Charger, 2 Handles

### Lithium Rechargeable Upgrade Set

If you have an AA battery handle Opticlar Set the Opticlar Lithium-Ion Rechargeable Upgrade Set is an economical and easy way of converting from an AA powered set to a Lithium rechargeable set.

All you need to decide is whether to buy a Single or Twin Port Charger and one or two handle kits?

**Order 1 or 2 Lithium-Ion cells**

**Order twin port or single port charger**



**100.010.000/14**

Lithium-Ion Cell for P2 Mini handle



**100.014.000/1**

Twin port charger for Mini P2 handles



**100.014.000/2**

Single port charger for Mini P2 handles

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



100.042.010

Battery Duration

100+ Hrs  
Per set

Reliable, cost effective wall mounted compact diagnostic set.

Powered by 3 x C cells (100 hours continuous use) and/or mains transformer.

Opticlar wall mounted Compact LED diagnostic set

- LED mini ophthalmoscope
- LED Mini otoscope
- Heine™ tip compatibility



100.043.010  
Twin wall unit



100.040.000TD  
Tip Dispenser Standard



100.000.130/5  
Tip Dispenser Deluxe with lid and  
instrument storage space



100.000.130/9  
Thermometer Holder





### The LED L28 Ophthalmoscope

- TrueTone™ LED
- Polarising and Cobalt Blue filters
- 28 lens from -20d to +40d
- Dust proofed
- 10 year LED warranty
- 5 apertures
- Large, Medium and Small spot, Graticule and Slit

Lens range

- 25 20 15 1-10 1-10 12 15 20 40 +

Apertures



With contrast filter



With polarisation filter

**100.000.050**

L28 Ophthalmoscope Head

### The LED S1 Otoscope

- TrueTone™ LED
- 3x swivel high quality lens
- Protected fibre optic bundle
- Clear view for instrumentation
- Excellent tympanic reflex
- 10 year LED warranty
- Heine or WA tip compatible  
(Please specify when ordering)



**100.000.010**

S1 Otoscope Head

### The Professional, Durable, High Quality LED Desk Set Range

- Choice of C cell, USB Lithium, ADAPT Lithium and E Lithium rechargeable handles
- Robust, durable construction, simple handle to head connection compatible with WA™
- Rheostat adjustable illumination from 100% to 6%
- TrueTone™ LED for accurate colour rendering and easier diagnosis
- Unique 10 year LED warranty for lower running costs, never have to buy a spare bulb again
- 20,000 hour plus LED life guarantees unlimited use with no blown bulb downtime
- Full tip and handle compatibility with Welch Allyn™ or Heine tip compatibility upon request
- Long battery life; C cells circa. 30 hours, Lithium rechargeable circa. 20 hours
- UK based assembly and servicing with 48 hour turnaround on repairs and maintenance
- 5 year product warranty, 10 year LED warranty



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



Lens range

- 25 20 15 1-10 1-10 12 15 20 40 +

Apertures



With contrast filter



With polarisation filter



### C Cell Set

- Opticlar S1 LED Otoscope
- L28 LED Ophthalmoscope
- Single ADAPT C Cell handle
- Choice of Heine or WA Tips (Please specify when ordering)

100.020.020

Opticlar C Cell Set, single handle

### USB Chargeable Lithium Set

- Opticlar S1 LED Otoscope
- L28 LED Ophthalmoscope
- Single ADAPT USB lithium handle
- Choice of Heine or WA Tips (Please specify when ordering)

100.020.021

Opticlar USB Lithium Set, single handle



### ADAPT Lithium Desk Rechargeable Set

- Opticlar S1 LED Otoscope
- L28 LED Ophthalmoscope
- Single ADAPT Lithium-Ion handle
- Choice of Heine or WA Tips (Please specify when ordering)



Recharge Time

2 Hours

Working Duration

20 Hours

100.020.022

Opticlar ADAPT Lithium Set, single handle

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



ADAPT Lithium Desk Rechargeable Set

- Opticlar S1 LED Otoscope
- L28 LED Ophthalmoscope
- Two ADAPT Lithium-Ion handle
- Choice of Heine or WA Tips (Please specify when ordering)

100.020.023  
ADAPT Lithium Desk Rechargeable Set

Lens range

- 25 20 15 1-10 1-10 12 15 20 40 +

Apertures



With contrast filter



With polarisation filter

E Lithium Desk Rechargeable Set

- Opticlar S1 LED Otoscope
- L28 LED Ophthalmoscope
- Single E Lithium-Ion handle
- Choice of Heine or WA Tips (Please specify when ordering)

Recharge Time

Working Duration

2 Hours

10 Hours

100.025.010  
E-Lithium Desk Rechargeable Set



E Lithium Desk Rechargeable Set

- Opticlar S1 LED Otoscope
- L28 LED Ophthalmoscope
- Two E Lithium-Ion handles
- Choice of Heine or WA Tips (Please specify when ordering)

100.025.011  
E-Lithium Desk Rechargeable Set





Battery Duration

100+ Hrs  
Per set

### The Professional, Durable, High Quality, Wall Mounted power units with unique features

- Auto on/off
- Out of cradle auto off after 5 minutes
- 12ft leads
- Lockable heads as standard

### Choice of tip dispensers and other accessories

- Dual power Wall Unit powered by either 3 x C cells providing in excess of 100 hours continuous use or by mains transformer
- Unique out of cradle auto off after approximately 5 minutes prevents undue heat build up and protects battery life
- Locking heads as standard
- Choice of Dual handle or Single handle units
- Class leading handle security

#### Lens range

- 25 20 15 1-10 1-10 12 15 20 40 +

#### Apertures



With contrast filter



With polarisation filter

### Twin handled wall unit

- LED S1 otoscope
- LED L28 ophthalmoscope
- Heine™ or WA™ tip compatibility
- Powered by 3 x C cells and/or mains transformer

100.041.010

Opticlar Twin Handled Wall Unit

### Choice of tip dispensers and other accessories



100.040.000TD

Tip Dispenser Standard



100.000.130/5

Tip Dispenser Deluxe with lid and instrument storage space



100.000.130/9

Thermometer Holder

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



**The Ideal portable diagnostic set powered by 3 x C cells or mains transformer. Perfect for Ward and Emergency Room use.**

### Twin handled trolley mounted Diagnostic Set

- LED S1 otoscope
- LED L28 ophthalmoscope
- 3 x C cell power and mains transformer
- WA™ or Heine™ tip compatibility

**100.041.010TD**

Twin Handled Trolley Mounted Diagnostic Set

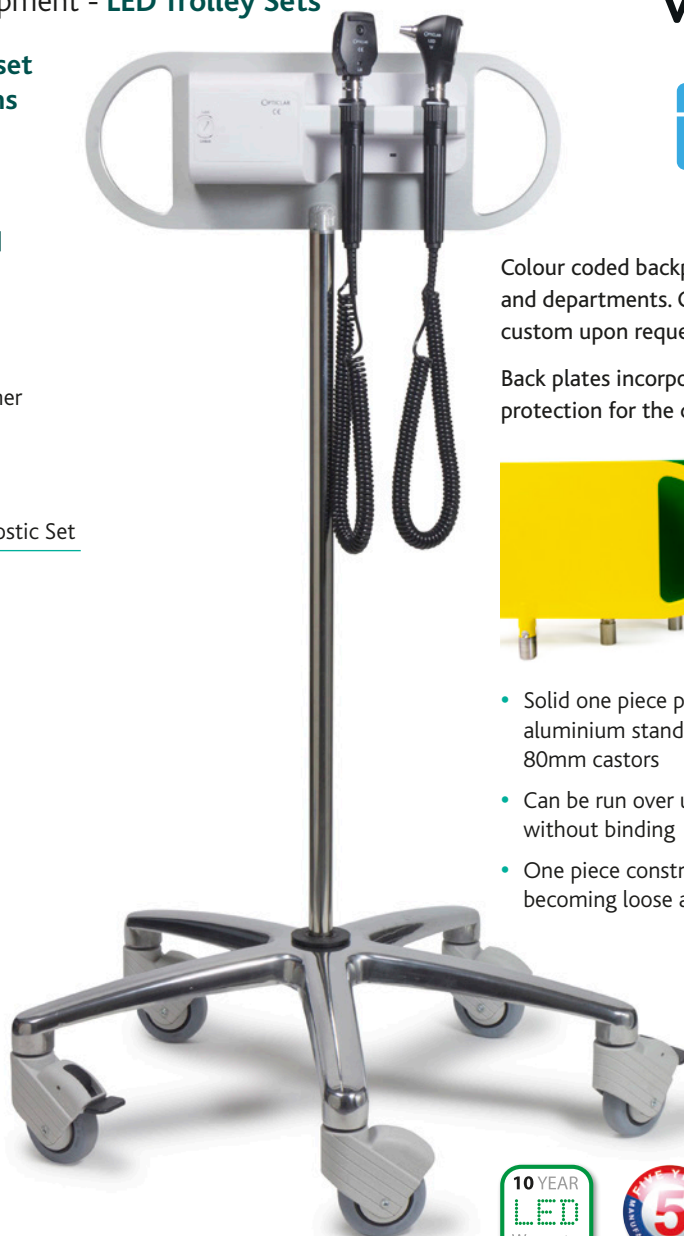


### BoSo large dial aneroid sphygmomanometer

To fit rear of backing plate

**166-0-121**

BoSo Large Dial Aneroid Sphygmomanometer

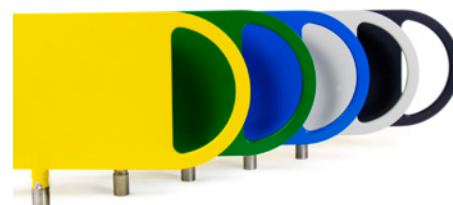


**Battery Duration**

**100+ Hrs**  
Per set

Colour coded backplates for individual wards and departments. Colours below as standard, custom upon request.

Back plates incorporate handles and provide protection for the diagnostic set.



- Solid one piece polished aluminium stand with hospital grade 80mm castors
- Can be run over uneven surfaces without binding
- One piece construction avoids castor legs becoming loose and falling off



### Choice of tip dispensers and other accessories



**100.040.000TD**

Tip Dispenser Standard



**100.000.130/5**

Tip Dispenser Deluxe with lid and instrument storage space



**100.000.130/9**

Thermometer Holder

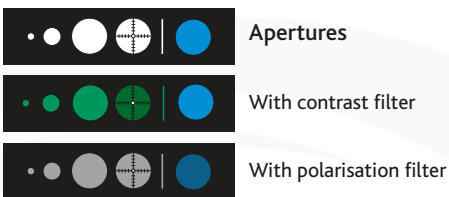
If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



### The LED L28 Ophthalmoscope

- TrueTone™ LED
- Polarising filter
- Cobalt Blue filter
- 28 lenses from -20d to +40d
- Dust proofed
- 10 year LED warranty
- 5 apertures, Large, Medium and Small spot Graticule Slit



Lens range

- 20 15 10 8 6 1-4 1-4 6 8 10 15 20 +

### The Unique, Innovative Varioscope Diagnostic Set with Variable Focal Length and 4.2x Magnification



### The LED Vscope Otoscope

- TrueTone™ LED
- 4.2x swivel high quality lens
- Protected fibre optic bundle
- Clear view for instrumentation
- Excellent tympanic reflex
- 10 year LED warranty
- Heine or WA Tip compatible (Please specify when ordering)



- Choice of C cell, USB Lithium, ADAPT Lithium and E Lithium rechargeable handles
- Robust, durable construction, simple handle to head connection compatible with WA™
- Rheostat adjustable illumination from 100% to 6%
- TrueTone™ LED for accurate colour rendering and easier diagnosis
- Unique 10 year LED warranty for lower running costs, never have to buy a spare bulb again
- 20,000 hour plus LED life guarantees unlimited use with no blown bulb downtime
- Full tip and handle compatibility with Welch Allyn™ or Heine tip compatibility upon request
- Long battery life; C cells circa. 30 hours, Lithium rechargeable circa. 20 hours
- UK based assembly and servicing with 48 hour turnaround on repairs and maintenance
- 5 year product warranty, 10 year LED warranty

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**





### C Cell Set

- Opticlar VScope 4.2x LED Otoscope
- L28 LED Ophthalmoscope
- Single ADAPT C Cell handle
- Heine or WA Tip compatible (Please specify when ordering)
- Zip Pouch

**100.020.170**

Opticlar C Cell Set

### USB Chargeable Lithium Set

- Opticlar VScope 4.2x LED Otoscope
- L28 LED Ophthalmoscope
- Single ADAPT USB lithium handle
- Single port charger
- Heine or WA Tip compatible (Please specify when ordering)
- Zip Pouch



**100.020.171**

Opticlar USB Chargeable Lithium Set



### ADAPT Lithium Desk Rechargeable Set

- Opticlar VScope 4.2x LED Otoscope
- L28 LED Ophthalmoscope
- Single ADAPT Lithium-Ion handle
- Single port charger
- Heine or WA Tip compatible (Please specify when ordering)

Recharge Time

**2 Hours**

Working Duration

**20 Hours**

**100.020.172**

ADAPT Lithium Desk Rechargeable Set

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



### ADAPT Lithium Twin Handle Desk Set

- Desk Rechargeable Set
- Opticlar VScope 4.2x LED Otoscope
- L28 LED Ophthalmoscope
- Two ADAPT lithium handles
- Twin port charger
- Heine or WA Tip compatible (Please specify when ordering)
- Zip Pouch

**100.020.173**

ADAPT Lithium V-Scope Set

### E-Lithium Desk Rechargeable Set

- Lithium Set
- Opticlar VScope 4.2x LED Otoscope
- L28 LED Ophthalmoscope
- Single E Lithium-Ion handle
- Single port charger
- Heine or WA Tip compatible (Please specify when ordering)
- Zip Pouch

Recharge Time  
**2 Hours**

Working Duration  
**10 Hours**



**100.025.170**

E-Lithium 1 Handle V-Scope Set



### E-Lithium Twin Handle Desk Set

- Desk Rechargeable Set
- Opticlar VScope 4.2x LED Otoscope
- L28 LED Ophthalmoscope
- Two E Lithium-Ion handles
- Twin port charger
- Heine or WA Tip compatible (Please specify when ordering)

**100.025.172**

E-Lithium V-Scope Set

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

**The Professional, Durable, High Quality, Wall Mounted power units with unique features. Auto on/off, Out of cradle auto off after 5 minutes, 12ft leads and Lockable heads as standard.**

- Twin handled wall unit with LED VScope otoscope and LED L28 ophthalmoscope
- Heine™ or WAT™ tip compatibility
- Choice of tip dispensers and other accessories
- Dual power Wall Unit powered by either 3 x C cells providing over 9 months use or by mains transformer
- Unique out of cradle auto off after approximately 5 minutes prevents undue heat build up and protects battery life
- Locking heads as standard
- Choice of dual handle or single handle units



Lens range

- 20 15 10 8 6 1-4 1-4 6 8 10 15 20 +



Apertures



With contrast filter



With polarisation filter

**100.041.170**

Twin Handled Wall Unit with LED Vscope Otoscope

### Choice of tip dispensers and other accessories



**100.040.000TD**

Tip Dispenser Standard



**100.000.130/5**

Tip Dispenser Deluxe with lid and instrument storage space



**100.000.130/9**

Thermometer Holder

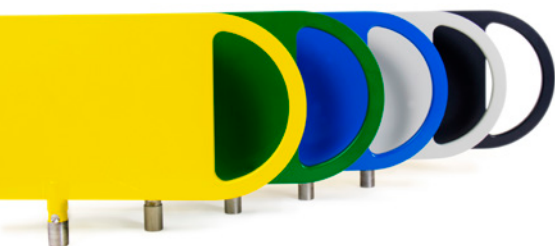
If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

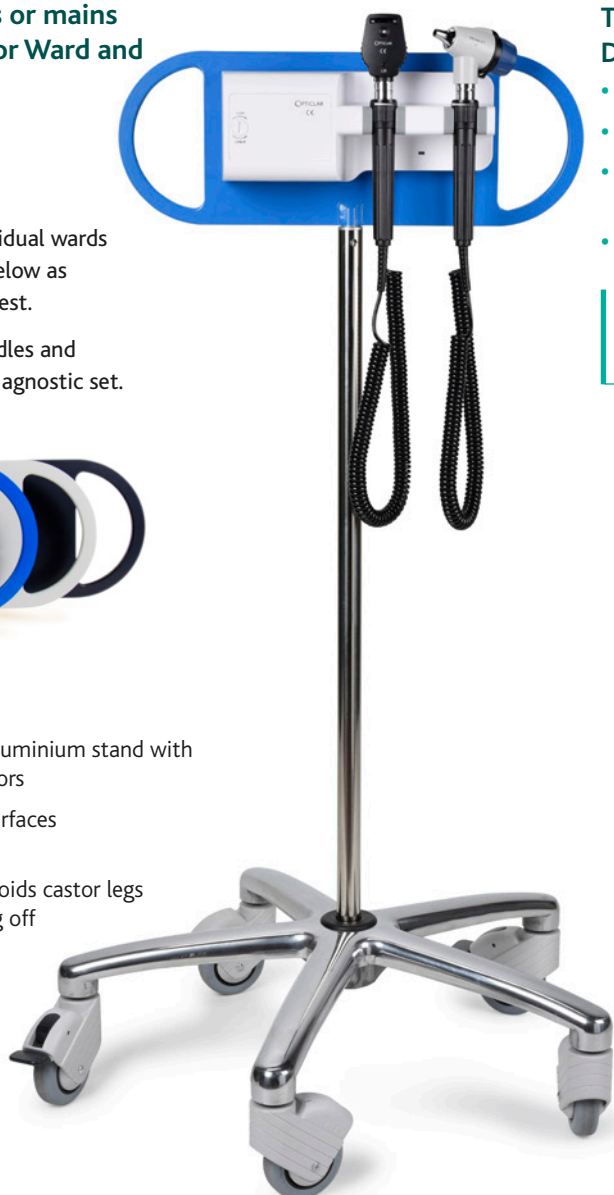
**The Ideal portable diagnostic set powered by 3 x C cells or mains transformer. Perfect for Ward and Emergency Room use.**

Ideal colour coding for individual wards and departments. Colours below as standard, custom upon request.

Back plates incorporate handles and provide protection for the diagnostic set.



- Solid one piece polished aluminium stand with hospital grade 80mm castors
- Can be run over uneven surfaces without binding
- One piece construction avoids castor legs becoming loose and falling off



### **Twin handled trolley mounted Diagnostic Set**

- LED VScope otoscope
- LED L28 ophthalmoscope
- 3 x C cell power and mains transformer
- WA™ or Heine™ tip compatibility

**100.041.170T**

Twin Handled Trolley Mounted Diagnostic Set



### **BoSo large dial aneroid sphygmomanometer**

To fit rear of backing plate

**166-0-121**

BoSo Large Dial Aneroid Sphygmomanometer

### **Choice of tip dispensers and other accessories**



**100.040.000TD**

Tip Dispenser Standard



**100.000.130/5**

Tip Dispenser Deluxe with lid and instrument storage space



**100.000.130/9**

Thermometer Holder

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**





### The LED Pocket FO Oscope

- True Tone LED
- 3x swivelling viewing window
- Fibre optic light transmission
- Clear unobstructed vision
- Precise screw thread handle fitting
- Heine™ tip fitting
- Heine™ screw handle fitting
- 10 year LED warranty

### The LED Pocket ENT Oscope

- True Tone LED
- 3x swivelling viewing window
- Fibre optic light transmission
- Clear unobstructed vision
- Precise screw thread handle fitting
- Choice of Heine, Keeler or WA tip fitting
- Heine™ screw handle fitting
- 10 year LED warranty

### The Professional, Durable, High Quality LED Pocket Oscope Range

- Choice of AA or Lithium-Ion rechargeable handles with precise on/off switch
- Long life metal screw thread fitting, compatible with Heine™ Mini Sets
- TrueTone™ LED for accurate colour rendering and easier diagnosis
- Unique 10 year LED warranty for lower running costs, never have to buy a spare bulb again
- 20,000 hour plus LED life guarantees unlimited use with no blown bulb downtime
- Disposable tip compatibility with Heine™
- Long battery life; AA cells circa. 60 hours, Lithium rechargeable circa. 5 hours
- UK based assembly and servicing with 48 hour turnaround on repairs and maintenance
- 5 year product warranty, 10 year LED warranty



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.  
**Please see last pages for a detailed A-Z index**





**Opticlar LED Pocket Otoscope in zip case**

- AA battery handle with on/off switch

**100.010.020**

Opticlar LED Pocket Otoscope in Zip Case

**Opticlar LED Pocket Otoscope in canvas case**

- AA battery handle with on/off switch

**100.010.022**

Opticlar LED Pocket Otoscope in Canvas Case



**Opticlar LED Pocket Otoscope in zip case**

- AA Lithium battery handle with on/off switch
- Single port desk charger

Recharge Time

**2** Hours

Working Duration

**5** Hours



**100.014.020**

Opticlar LED Pocket Otoscope in Zip Case

**Battery Duration**  
100+ Hrs  
Per set



### Opticlar LED Pocket Otoscope

- Heine™ tip compatibility
- Wall unit with choice of 3 x C cell or mains power
- Optional Tip Dispenser

**100.047.020**

Opticlar LED Pocket Otoscope



### Choice of tip dispensers and other accessories



**100.040.000TD**

Tip Dispenser Standard



**100.000.130/5**

Tip Dispenser Deluxe with lid and instrument storage space



**100.000.130/9**

Thermometer Holder

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



**The Professional, Durable, High Quality, E.N.T. Otoscope.**  
The only Professional quality otoscope with a choice of Heine™, Keeler™ or Welch Allyn™ tip fitment.  
Ideal for use with instrumentation.

Swivelling 3x magnifying lens. Open design superb for instrumentation and ear lavage.

#### Opticlar LED Pocket E.N.T. Otoscope in zip case

- AA battery handle with on/off switch
- Supplied with Keeler tip compatibility as standard, please specify if Heine (H) or Welch Allyn (W) required



**100.010.030**

Opticlar LED Pocket E.N.T Otoscope in Zip Case

#### Opticlar LED Pocket E.N.T. Otoscope Wall Unit

- Single handle wall unit
- Mains transformer and C cell capability

**100.047.030**

Opticlar LED Pocket E.N.T Otoscope Wall



#### Opticlar LED Pocket E.N.T. Otoscope Rechargeable

- Lithium-Ion battery handle with on/off switch
- Supplied with Keeler tip compatibility as standard, please specify if Heine (H) or Welch Allyn (W) required
- Single port charger



**100.014.030**

Opticlar LED Pocket E.N.T Otoscope Lithium Rechargeable

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



### The LED S1 Otoscope

- TrueTone™ LED
- 3x swivel high quality lens
- Protected fibre optic bundle
- Excellent for tympanic reflex testing
- 10 year LED warranty
- Heine or WA tip compatible

**100.000.010**

Head only

### The LED VarioScope

- TrueTone™ LED
- 4.2x swivel high quality lens
- Adjustable focal distance
- Excellent for tympanic reflex testing
- 10 year LED warranty
- Heine or WA tip compatible
- Smart phone compatible

**100.000.011**

Head only



### The LED Operating Otoscope

- TrueTone™ LED
- 3x swivel high quality lens
- Protected fibre optic bundle
- Open design ideal for instrumentation
- 10 year LED warranty
- WA tip compatible

**100.000.012**

Head only

### LED ENT Otoscope

- TrueTone™ LED
- 3x swivel high quality lens
- Protected fibre optic bundle
- Open design ideal for instrumentation
- 10 year LED warranty
- WA, Heine and Keeler tip compatible

**100.000.040**

Head only

### A range of Standard size Oscopes to suit all disciplines from General Practice to specialised E.N.T. appraisal

- Wide choice of power options from C cell, USB handles, Desk charging handles and wall mounted options
- TrueTone™ LED provides excellent colour characteristics
- 10 year LED module warranty
- Superb visualisation with fibre optic light transmission and high quality magnifying lenses
- Choice of Welch Allyn™, Heine™ or Keeler™ tip compatibility on many models

- Heads compatible with Welch Allyn™ power handles as standard or Heine™ and Keeler™ power handles upon request.
- 5 year product warranty



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



## Diagnostics and Medical Equipment - LED Oscopes

### S1 Fibre Optic Oscope

- 3x magnification, high quality lens swivels for easier instrumentation
- Insufflation port for tympanic motility testing
- Wide angle body for easier viewing

### Opticlar S1 LED Oscope with C Cell Handle

- Choice of Heine or WA Tips  
(Please specify when ordering)

**100.020.040**

Opticlar S1 LED Oscope with C Cell Handle



### Opticlar S1 LED Oscope with Lithium USB Handle

- Choice of Heine or WA Tips  
(Please specify when ordering)

**100.020.041**

Opticlar S1 LED Oscope with Lithium USB Handle



Recharge Time	Working Duration
 8 Hours	 20 Hours

### Opticlar S1 LED Oscope with ADAPT Lithium Handle

- Single port desk charger
- Choice of Heine or WA Tips  
(Please specify when ordering)

**100.020.042**

Opticlar S1 LED Oscope with ADAPT Lithium Handle



Recharge Time	Working Duration
 2 Hours	 20 Hours



### Opticlar S1 LED Oscope with E Lithium Handle

- Single port desk charger
- Choice of Heine or WA Tips  
(Please specify when ordering)

Recharge Time	Working Duration
 2 Hours	 10 Hours

**100.025.040**

Opticlar S1 LED Oscope with E Lithium Handle

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**





### S1 Wall Mounted Otoscope

- Opticlar S1 LED Otoscope with single handled wall unit
- Choice of WA or Heine compatible tips
- Unique single handled wall mounted units and trolley units
- 12ft spiral cord handles
- Integral handle lock for instrument security
- Optional robust mobile trolley for maximum portability
- Mains power for unlimited usage time or convenient 3 x C cell power for trolley mounting (providing in excess of 100 hours operation)

#### Battery Duration

**100+ Hrs**  
Per set

**100.045.040**

Opticlar S1 Wall Mounted Otoscope

### Choice of tip dispensers and other accessories



**100.040.000TD**

Tip Dispenser Standard



**100.000.130/5**

Tip Dispenser Deluxe with lid and instrument storage space



**100.000.130/9**

Thermometer Holder

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## S1 Trolley Mounted Otoscope



- With mobile trolley mount
- Choice of WA or Heine compatible tips
- Unique single handled wall mounted units and trolley units
- 12ft spiral cord handles
- Integral handle lock for instrument security
- Robust mobile trolley for maximum portability
- Mains power for unlimited usage time or convenient 3 x C cell power providing in excess of 100 hours operation per set of batteries

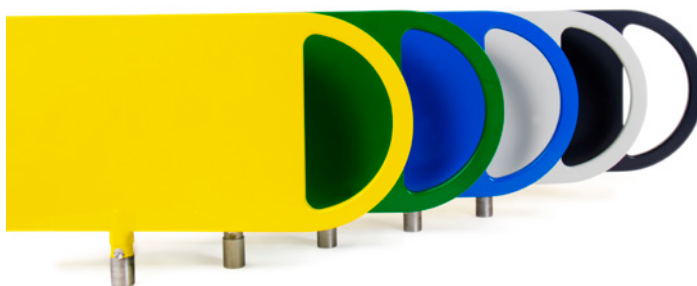
**100.045.040TD**

Opticlar S1 Trolley Mounted Otoscope



- Solid one piece polished aluminium stand with hospital grade 80mm castors
- Can be run over uneven surfaces without binding
- One piece construction avoids castor legs becoming loose and falling off

**Choice of colour coding mounting plates for individual ward or department use.**



## Choice of tip dispensers and other accessories



**100.040.000TD**

Tip Dispenser Standard



**100.000.130/5**

Tip Dispenser Deluxe with lid and instrument storage space



**100.000.130/9**

Thermometer Holder

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



### LED VarioScope Otoscope



- Heine or WA tip compatible  
(Please specify when ordering)

**100.020.070**

Opticlar Vscope with C Cell Battery Handle

### LED VarioScope Otoscope with USB Rechargeable Handle

- Heine or WA tip compatible  
(Please specify when ordering)

**100.020.071**

Opticlar Vscope with USB Rechargeable Handle



### LED VarioScope Otoscope with ADAPT Handle

- Desk charger
- Heine or WA tip compatible  
(Please specify when ordering)

**100.020.072**

Opticlar Vscope with ADAPT Handle



### LED VarioScope Otoscope with E-Lithium Handle

- Desk charger
- Heine or WA tip compatible  
(Please specify when ordering)

**100.025.070**

Opticlar Vscope with E-Lithium Handle



- 12ft spiral cord handle
- Auto On/Off
- Out of Cradle auto off after 5 minutes
- C Cell and mains power
- Heine or WA tip compatible  
(Please specify when ordering)



#### Battery Duration

100+ Hrs  
Per set

**100.045.070**

Opticlar Vscope Wall Power Unit

### Choice of tip dispensers and other accessories



**100.040.000TD**

Tip Dispenser Standard



**100.000.130/5**

Tip Dispenser Deluxe with lid and  
instrument storage space



**100.000.130/9**

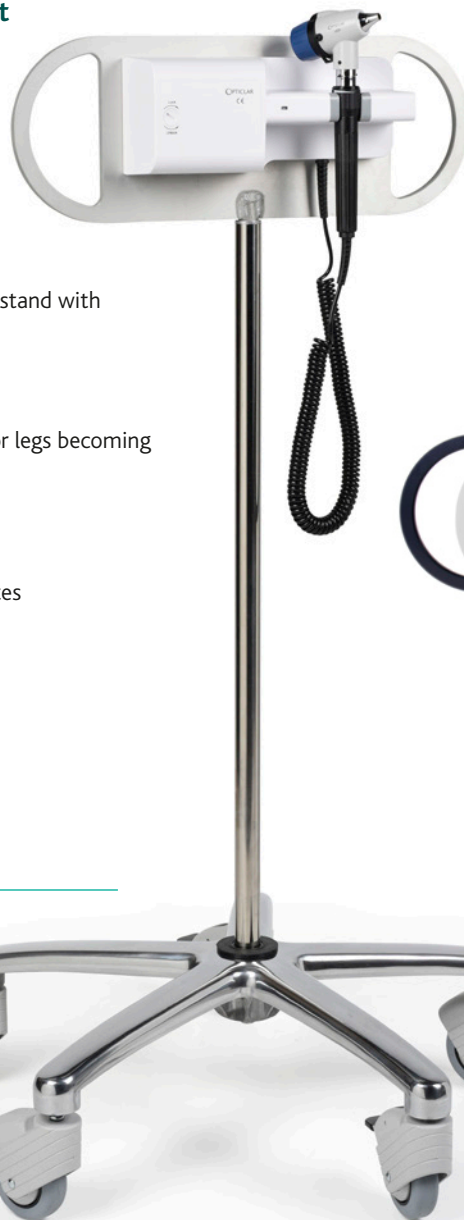
Thermometer Holder

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



**VarioScope Mobile Power Unit**



- Solid one piece polished aluminium stand with hospital grade 80mm castors
- Can be run over uneven surfaces without binding
- One piece construction avoids castor legs becoming loose and falling off
- 12ft spiral cord handle
- Auto On/Off
- Out of Cradle auto off after 5 minutes
- C Cell and mains power
- Heine or WA tip compatible (Please specify when ordering)



**Choice of colour coded mounting plates for individual ward or department use**

**100.045.070T**

Opticlar Vscope Mobile Power Unit

**Choice of tip dispensers and other accessories**



**100.040.000TD**

Tip Dispenser Standard



**100.000.130/5**

Tip Dispenser Deluxe with lid and instrument storage space



**100.000.130/9**

Thermometer Holder

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



### LED Operating Otoscope with C Cell Handle

Open design for easier instrument access. Swivelling lens for easier instrumentation 3.0x magnification for enhanced viewing 2.0, 3.0, 4.0, 5.0 and 9.0mm tips reusable and disposable formats.

- C cell battery handle.
- WA tip compatible
- Set of 5 reusable tips
- Zip Pouch



**100.020.180**

Opticlar Operating Otoscope with C Cell Handle

### LED Operating Otoscope with ADAPT Handle

- Lithium-Ion handle
- Single port desk charger
- Welch Allyn tip compatible
- Set of 5 reusable tips
- Zip Pouch

**100.020.082**

Opticlar Operating Otoscope with ADAPT Handle



Recharge Time

**2 Hours**

Working Duration

**20 Hours**

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

**3x**



### Open ENT Oscope

The Professional, Durable, High Quality, E.N.T. Oscope. The only Professional quality otoscope with a choice of Heine™, Keeler™ or Welch Allyn™ tip fitment. Ideal for use with instrumentation. Swivelling 3x magnifying lens. Open design is superb for instrumentation and ear lavage. Robust construction.

### Open ENT Oscope with USB Rechargeable handle

- ADAPT Lithium-Ion USB rechargeable handle
- Can be charged by USB cable or desk charger
- WA, Heine or Keeler tip compatibility (Please specify when ordering)
- 10 disposable tips
- Zip Pouch



**100.020.441**

Opticlar Open E.N.T Oscope with USB Handle



### Open ENT Oscope with C Cell Handle

- C cell battery handle
- WA, Heine or Keeler tip compatibility (Please specify when ordering)
- 10 disposable tips
- Zip Pouch

**100.020.440**

Opticlar Open E.N.T Oscope with C Cell Handle



### Open ENT Oscope with ADAPT handle

- ADAPT Lithium-Ion rechargeable handle
- Single port desk charger
- WA, Heine or Keeler tip compatibility (Please specify when ordering)
- 10 disposable tips
- Zip Pouch

**100.020.442**

Opticlar Open E.N.T Oscope with ADAPT Handle



### Open ENT Oscope with E Lithium handle

- E Lithium-Ion rechargeable handle
- Desk charger
- WA, Heine or Keeler tip compatibility (Please specify when ordering)
- 10 disposable tips
- Zip Pouch

**100.025.440**

Opticlar Open E.N.T Oscope with E Lithium handle



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

**Battery Duration**

100+ Hrs  
Per set

**Open E.N.T. Wall Mounted Otoscope**

- 12ft spiral cord handle
- Auto On/Off
- Out of Cradle auto off after 5 minutes
- C Cell and mains power
- Heine, WA or Keeler tip compatible  
Keeler supplied as standard  
(Please specify when ordering)

**100.045.440TD**

Opticlar Open E.N.T Otoscope Wall Power Unit

**Choice of tip dispensers and other accessories****100.040.000TD**

Tip Dispenser Standard

**100.000.130/5**

Tip Dispenser Deluxe with lid and instrument storage space

**100.000.130/9**

Thermometer Holder

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



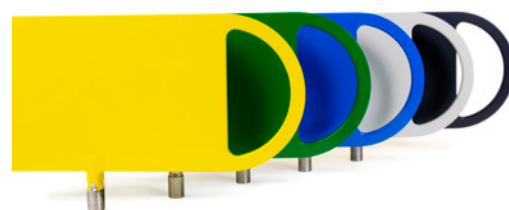
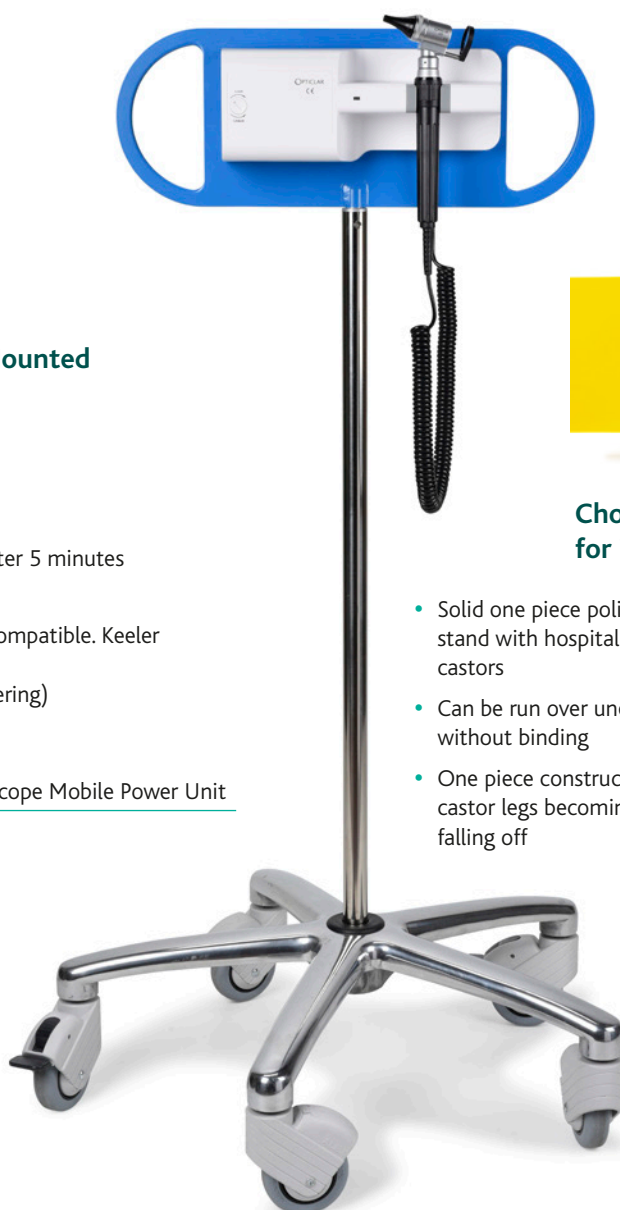
## Battery Duration

 **100+ Hrs**  
Per set
Open E.N.T. Trolley Mounted  
Otoscope

- 12ft spiral cord handle
- Auto On/Off
- Out of Cradle auto off after 5 minutes
- C Cell and mains power
- Heine, WA or Keeler tip compatible. Keeler supplied as standard (Please specify when ordering)

**100.045.440TD**

Opticlar Open E.N.T. Otoscope Mobile Power Unit



**Choice of colour coded mounting plates  
for individual ward or department use**

- Solid one piece polished aluminium stand with hospital grade 80mm castors
- Can be run over uneven surfaces without binding
- One piece construction avoids castor legs becoming loose and falling off

## Choice of tip dispensers and other accessories

**100.040.000TD**

Tip Dispenser Standard

**100.000.130/5**

Tip Dispenser Deluxe with lid and instrument storage space

**100.000.130/9**

Thermometer Holder

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## The LED Pocket Ophthalmoscope

32



### The Professional, Durable, High Quality LED Pocket Ophthalmoscope Range

- Choice of AA or Lithium-Ion rechargeable handles with precise on/off switch
- Long life metal screw thread fitting, compatible with Heine™ Mini Sets
- TrueTone™ LED for accurate colour rendering and easier diagnosis
- Unique 10 year LED warranty for lower running costs, never have to buy a spare bulb again
- 20,000 hour plus LED life guarantees unlimited use with no blown bulb downtime
- 18 Lens range from -20d to +20d
- 5 apertures, large spot, small spot, graticule with fixation ring, slit, red free
- Optional Cobalt Blue filter in lieu of Red Free filter
- Dust proofed optics
- Rubber brow rest
- Long battery life; AA cells circa. 60 hours, Lithium rechargeable circa. 5 hours
- UK based assembly and servicing with 48 hour turnaround on repairs and maintenance
- 5 year product warranty, 10 year LED warranty



Lens range

- 20 15 10 8 6 1-4 1-4 6 8 10 15 20 +

Apertures



The LED Pocket Ophthalmoscope with zip or canvas case



- AA battery handle
- Zip case

**100.010.024**

Opticlar LED Pocket Ophthalmoscope  
with Zip Case



- AA battery handle
- Canvas case

**100.010.025**

Opticlar LED Pocket Ophthalmoscope  
with Canvas Case

The LED Pocket Ophthalmoscope with Metal Handle



- Metal AA battery handle
- Rotary On/Off switch
- Canvas case

**100.015.023**

Opticlar LED Pocket Ophthalmoscope,  
Metal Handle with Canvas Case

The LED Pocket  
Ophthalmoscope with  
Lithium-Ion Handle

- Lithium-Ion battery handle
- Single port desk charger
- Case

Recharge Time

**2** Hours

Working Duration

**5** Hours

**100.014.024**

Opticlar LED Pocket Ophthalmoscope  
with Lithium-Ion Handle





## Opticlar LED L28 Standard Ophthalmoscope



### The Professional, Durable, High Quality Ophthalmoscope Range

- Choice of C Cell, Lithium-Ion and E Lithium rechargeable handles with precise rheostat
- Twist lock connector compatible with WA™, Heine and Keeler connectors upon request
- TrueTone™ LED for accurate colour rendering and easier diagnosis
- Unique 10 year LED warranty for lower running costs, never have to buy a spare bulb again
- 20,000 hour plus LED life guarantees unlimited use with no blown bulb downtime
- 28 lens range from -25D to +40D. (-10 to +10 in single dioptre steps)
- 6 apertures; large spot, medium spot, small spot, graticule with fixation ring, slit, cobalt blue
- 3 filters; Red free, Clear, Polarised light sensitive
- Dust proofed optics
- Rubber brow rest
- Long battery life; Lithium-Ion rechargeable circa 20 hours
- UK based assembly and servicing with 48 hour turnaround on repairs and maintenance
- 5 year product warranty, 10 year LED warranty

#### Lens range

- 20 15 10 8 6 1-4 1-4 6 8 10 15 20 +



Apertures



With contrast filter



With polarisation filter



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



**Opticlar LED L28 Ophthalmoscope with C Cell Handle**



- C Cell battery handle
- Zip case

**100.020.050**

Opticlar LED L28 Ophthalmoscope with C Cell Handle

**Opticlar LED L28 Ophthalmoscope with USB Lithium-Ion Handle**



- USB Lithium-Ion battery handle
- Zip case

**100.020.051**

Opticlar LED L28 Ophthalmoscope with USB Lithium-Ion Handle

**Opticlar LED L28 Ophthalmoscope with ADAPT Lithium-Ion Handle**



- Desk charger ADAPT Lithium-Ion battery handle
- Single port desk charger
- Zip case

Recharge Time	Working Duration
2 Hours	20 Hours

**100.020.052**

Opticlar LED L28 Ophthalmoscope with ADAPT Lithium-Ion Handle

**LED Standard Ophthalmoscope with E Lithium-Ion Handle**



Recharge Time	Working Duration
2 Hours	10 Hours

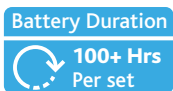
- Desk charger E Lithium-Ion battery handle
- Single port desk charger
- Zip case

**100.025.052**

Opticlar LED L28 Ophthalmoscope with E Lithium-Ion Handle

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



- C Cell and Mains powered wall unit

**100.045.050**

Opticlar LED L28 Ophthalmoscope, Wall Mounted

Lens range

- 20 15 10 8 6 1-4 / 1-4 6 8 10 15 20 +



Apertures



With contrast filter



With polarisation filter





**Choice of colour coded mounting plates  
for individual ward or department use**

- Solid one piece polished aluminium stand with hospital grade 80mm castors
- Can be run over uneven surfaces without binding
- One piece construction avoids castor legs becoming loose and falling off
- C Cell and Mains powered wall unit
- Trolley Mounted

**100.045.050TD**

Opticlar LED L28 Ophthalmoscope, Trolley Mounted

**Pocket Handles with Screw Cap End**



- Heine compatible screw thread fitting
- Takes 2 x AA batteries (not included)

**100.010.000/10**  
Pocket Handle with Screw Cap End

**100.010.000/11**  
End Cap for Pocket Handle

**Pocket Handles with Lithium-Ion Cell**

- Heine compatible screw thread fitting
- Lithium-Ion cell

**100.014.000/10**  
Pocket Handle with Lithium-Ion Cell

**100.014.123/10**  
Lithium-Ion Cell



**Metal Pocket Handle**

- Takes 2 x AA batteries
- Rotary on/off switch
- Heine compatible screw thread fitting

**100.015.000**  
Metal Pocket Handle

**Handle Adaptors**

Our range of Opticlar Handle Adaptors, allow you to interchange between Opticlar and other well known brand equipment, quickly and easily. Why replace a whole set when you can buy the instrument head or handle you need from Opticlar? - allowing you to continue working with your existing equipment and save money too.



100.000.097



100.000.099



Adaptor Code:	Convert handle:	To head:
100.000.098	Opticlar / Welch Allyn	Heine
100.000.099	Heine	Opticlar / Welch Allyn
100.000.097	Keeler	Opticlar / Welch Allyn



100.000.098



### Pocket Handle Single Port Desk Charger



**100.014.000/1**

Single Port Desk Charger for Pocket Handles with Mains Transformer

**100.041.000/100**

Mains Transformer Only

### Pocket Handle Twin Port Desk Charger

**100.014.000/2**

Twin Port Desk Charger for pocket handles with Mains Transformer

**100.041.000/100**

Mains Transformer Only



### Single Handle Wall Unit for Pocket Head with Mains Transformer and C Cell Power



**100.045.000**

Single Handle Wall Unit for Pocket Head with Mains Transformer and C Cell Power (screw thread)

**100.041.000/100**

Mains Transformer Only

### Twin Handle Wall Unit for Pocket Head with Mains Transformer and C Cell Power



**100.043.000**

Twin Handle Wall Unit for Pocket Head with Mains Transformer and C Cell Power (screw thread)

**100.041.000/100**

Mains Transformer Only

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

**ADAPT C Cell Handle and Spares**

**ADAPT C Cell Handle and Spares**



**100.020.000/1**  
ADAPT C Cell Handle with Twist Lock Connector

**100.020.000/11**  
Base Cap

**100.020.000/12**  
Power Amplifier (sits inside top of handle)



**100.020.000/2**  
ADAPT USB Handle with Twist Lock Connector,  
with Lithium Cell

**100.020.000/21**  
USB Base Cap with USB Inlet and Desk Inlet



**ADAPT Lithium-Ion Handle and Spares**



**100.020.000/3**  
ADAPT Desk Charger Handle with Twist Lock  
Connector and Lithium Cell

**100.020.000/31**  
Base Cap

**100.000.123/10**  
Lithium-Ion Cell for USB and Desk Handles

**ADAPT E Lithium-Ion Handle – Black**



- SEALED UNIT.
- 5 year warranty
- Black body colour

**100.025.000/2 USB**  
E-Lithium Desk Charger Handle with  
Twist Lock Connector

**ADAPT E Lithium-Ion Handle – Grey**



- SEALED UNIT.
- 5 year warranty.
- Grey body colour

**100.025.000/3**  
E-Lithium Desk Charger Handle with  
Twist Lock Connector

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## ADAPT Handle Single Port Desk Charger



**100.020.123/22**

Single Port Desk Charger for ADAPT and E-Lithium Handles with Mains Transformer

**100.041.000/100**

Mains Transformer Only



**100.025.000/2**

Charge Sleeve for E-Lithium Handle

## ADAPT Handle Twin Port Desk Charger

**100.000.123/11**

Twin Port Desk Charger for ADAPT and E-Lithium Handles with Mains Transformer

**100.041.000/100**

Mains Transformer Only

**100.025.000/2**

Charge Sleeve for E-Lithium Handle



## Single Handle Wall Unit for Twist Lock Heads with Mains Transformer and C Cell Power



**100.045.000**

Single Handle Wall Unit for Twist Lock Heads with Mains Transformer and C Cell Power

**100.041.000/100**

Mains Transformer Only

## Twin Handle Wall Unit for Twist Lock Heads with Mains Transformer and C Cell Power



**100.041.000**

Twin Handle Wall Unit for Twist Lock Heads with Mains Transformer and C Cell Power

**100.041.000/100**

Mains Transformer Only

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

### Opticlar Disposable Specula

OPTICLAR LED Standard size otoscopes are available with either a Welch Allyn or Heine tip compatibility. The otoscope head will be marked either W or H respectively. Opticlar Pocket otoscopes all have Heine tip compatibility.

Heine style tips are available in 3 diameter sizes, 2.5mm, 4.0mm and a unique 5.0mm end diameter. Welch Allyn compatible tips are available in either 2.75mm or 4.25mm end diameter. All styles are manufactured to the highest quality and are excellent value for money. Various pack sizes are available please ask for details.



HEINE COMPATIBLE		
100.250.000	Heine	2.5mm OD
100.300.000	Heine	3.0mm OD
100.400.000	Heine	4.0mm OD
100.500.000	Heine	5.0mm OD



KEELER COMPATIBLE		
KS2.5	Keeler	2.5mm OD
KS3.5	Keeler	3.5mm OD
KS4.5	Keeler	4.5mm OD
KS5.5	Keeler	5.5mm OD



WELCH ALLYN COMPATIBLE		
100.275.000	Welch Allyn	2.75mm OD
100.425.000	Welch Allyn	4.25mm OD



The 2G Range was introduced into the UK in 2000 and has since become one of the leading sources of generic medical, surgical and veterinary products, earning popularity with Practitioners, Practice Managers and NHS institutions who recognise the outstanding quality and cost savings that the 2G range offers.

Behind the 2G lies a wealth of knowledge and expertise drawn from 50 years experience selling and servicing hand

held diagnostic equipment throughout the UK and Ireland. This results in 2G offering superb quality and performance at extremely competitive prices.

Continually growing 2G now includes not only consumables but replacement spares for manufacturers such as Welch Allyn, Heine, Keeler, Riester and KaWe.

New to the 2G range are LED upgrade kits enabling users to improve the performance

of their favourite diagnostic tools to a modern, efficient LED illumination.

Designed and engineered for reliability and durability 2G products feature an attractive 2 year warranty as standard (where applicable). LED upgrades are guaranteed for 10 years.



**2G Guardian Generica Disposable Specula for HEINE Direct Illumination Otoscopes**

- Fits HEINE K100 and BETA100 direct illumination otoscopes
- Superb fit with atraumatic distal end
- Black colour minimizes light loss
- Various pack sizes available



**2.5mm Tips**

**HSD12.5**      2.5mm diameter

**4.0mm Tips**

**HSD14.0/50**      4mm diameter

**2G Guardian Generica Disposable Specula for HEINE Fibre Optic Otoscopes**

- Fits all HEINE mini, K180 and BETA fibre optic otoscopes
- Superb fit with atraumatic distal end



**2.5mm Tips**

**HSFO2.5**      2.5mm diameter

**4.0mm Tips**

**HSFO4.0**      4mm diameter

**2G Guardian Generica Disposable Specula for Keeler Otoscopes**

- High quality disposable specula to fit the Practitioner, Standard, Pocket, Vista, Fibre Optic and Medic Otoscopes
- 2.5mm, 3.5mm, 4.5mm and 5.5mm end diameters

**2.5mm Tips**

**KS2.5**      2.5mm diameter

**3.5mm Tips**

**KS3.5**      4mm diameter

**4.5mm Tips**

**KS4.5**      4mm diameter

**5.5mm Tips**

**KS5.5**      4mm diameter



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

**2G Guardian Generica Disposable Specula for Welch Allyn Otoscopes**

- Fits all Welch Allyn otoscopes except the Macroview
- Very high quality atraumatic tips

**2.75mm Tips**

WS2.75      2.75mm diameter

**4.25mm Tips**

KS3.5      4.25mm diameter

**2G Generic Welch Allyn Reusable Otoscope Tips**

- Select the appropriate Guardian Generica tip by cross referring to the correct Welch Allyn reference
- Choice of diameters from 2mm to 9.0mm
- Available in set of tips consisting of one each of 2mm, 3mm, 4mm, 5mm and 9mm diameters



WA ref	2G ref	Diameter
22002	100.000.012/2	2.0mm
22003	100.000.012/3	3.0mm
22004	100.000.012/4	4.0mm
22005	100.000.012/5	5.0mm
22009	100.000.012/9	9.0mm
22100	100.000.012/SET	Set of Above 5 tips

**Guardian Generica Kawe Disposable Specula****Guardian Generica Riester Disposable Specula**

- Fits all Kawe mini and fibre optic otoscopes
- 2.5 mm and 4mm end diameters

**2.5mm Tips**

KWS 2.5      2.5mm diameter

**4.0mm Tips**

KWS 4.0      4mm diameter



- Fits all Riester mini and fibre optic otoscopes
- 2.5 mm and 4mm end diameters

**2.5mm Tips**

RS 2.5      2.5mm diameter

**4.0mm Tips**

RS 4.0      4mm diameter

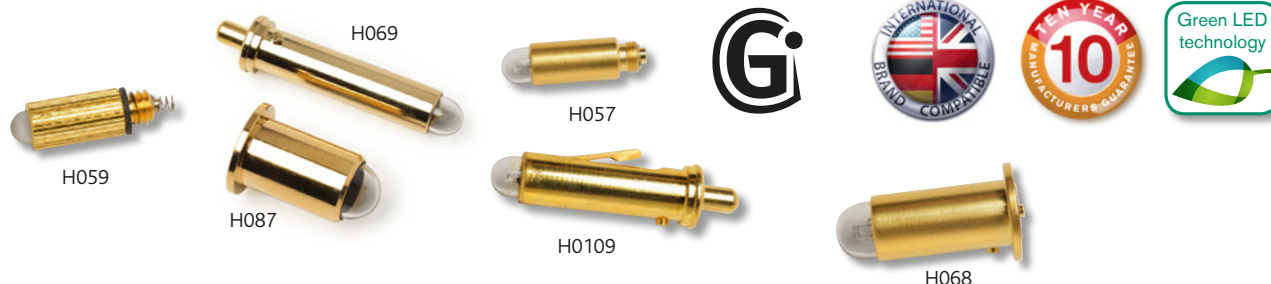
If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

**2G Guardian Generica Bulbs and LED Upgrades****Why choose LED?**

- **Superior illumination**
- **Longer battery life**
- **Cost-effective**
- **Fantastic 10 year warranty against LED failure!**

With Guardian Generica 2G LED upgrades, illumination is consistent throughout the life of the LED with no deterioration in quality. Each LED provides in excess of 10,000 hours in normal use. Battery life is also greatly improved, with more than 100 hours operation from a set of C cells and 20 hours from rechargeable cells. 2G LED upgrades are currently available for several Heine diagnostic instruments (see chart for details).

**2G Xenon Bulbs**

2G Xenon bulbs are high-quality, cost-effective alternatives to branded bulbs, with excellent performance and reliability. Significant savings can be made compared to manufacturers originals. 2G Xenon bulbs are currently available for most Heine, Welch Allyn and Keeler diagnostic instruments.

- Compatible with most leading brand instruments, including Heine, Keeler and Welch Allyn
- Low cost option for replacing bulbs
- Upgrade to LED when replacing Halogen for superior illumination
- 10 year warranty on LED upgrade bulbs
- Choice of standard 2G Xenon bulbs or premium multi-voltage LED upgrades - which can be used with a variety of power sources including standard battery handles, rechargeable handles and mains powered wall units

**2G HEINE replacement Bulbs -  
Selecting the right one**

- HEINE instruments take either 2.5v or 3.5v bulbs. A common error is the fitting of the incorrect voltage bulb resulting in immediate bulb failure ( 2.5v fitted to 3.5v handle or wall unit) or dim illumination (3.5v bulb fitted to C cell battery handle). To ensure you order the correct voltage bulb use this simple decision tree:
  - Which bulb do you need?
  - If the power source is a C cell battery handle i.e. replaceable batteries you'll need a 2.5v bulb
  - If the power source is rechargeable or a wall unit you will need a 3.5v bulb

If you are unsure please contact us and we will identify the bulb voltage you require.

**LED Upgrade Kit**

2G LED upgrade kits have been designed to be multi-voltage and are perfectly suited for use with 2.5v or 3.5v power sources. The extra cost of the LED upgrade is easily recouped after a few months through decreased battery usage and reduced charge times. The main benefit of 2G LED upgrades though is superior, brighter illumination and no need to purchase a new instrument head.

Heine ref	2G Xenon	Multi-voltage LED upgrade
X-001.88.035	H035	H035044
X-001.88.037	H037	H037049
X-001.88.038	H038	
X-001.88.039	H039	
X-001.88.040	H040	
X-001.88.041	H041	H000041
X-001.88.042	H042	
X-001.88.056	H110056	H056110
X-001.88.057	H057	
X-001.88.059	H059	
X-001.88.069	H069	
X-001.88.077	H077	H077078
X-001.88.084	H084	
X-001.88.087	H087	
X-001.88.105	H105	H000105
X-001.88.106	H106	
X-001.88.107	H107	H000107
X-001.88.109	H109	
X-001.88.110	H110056	H056110
X-002.88.044	H044	H035044
X-002.88.046	H046	
X-002.88.049	H049	H037049
X-002.88.070	H070	
X-002.88.078	H078	H077078
X-002.88.086	H086	
X-002.88.091	H091	
X-002.88.101	H101	
X-004.88.068	H068	

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



**2G – Xenon replacement bulbs are manufactured by a world-leading miniaturised bulb company – providing consistent, high quality and reliable illumination, suitable for all examinations. We are confident you will be entirely satisfied with your choice of 2G Xenon bulbs.**



02300



02900



03000



03100



03300

### Generic Spare bulbs for Welch Allyn Instruments

WA Ref No.	Description	2G Ref No.
01200-U	Binocular indirect bulb. 4.6v for 125 series indirects	01200-2G
02100-U	2.7v vacuum bulb	02100-2G
02300-U	2.7v vacuum bulb	02300-2G
03000-U	Halogen 3.5v bulb for 11710,12400,47300,11600,11605,11610,18000 heads	03000-2G
03100-U	Halogen 3.5v bulb for 25020, 21700, 20200, 73500, 28100, 27000, 27050, 26530, 41100, 43300, 25000, 25200, 20000 heads	03100-2G
03300-U	2.5v halogen bulb for 11511,11500 heads	03300-2G
03400-U	2.5v halogen bulb for 24011, 24020, 24000, 21110, 21111, 24031, 73550, 27200, 27250, 41110 heads	03400-2G
03600-U	2.5v bulb for 60500	03600-2G
03800-U	3.5v halogen bulb for 11810, 11820, 11800 heads	03800-2G
03900-U	2.5v halogen bulb for 13000,12810 heads	03900-2G
04400-U	2.5v halogen bulb for 11400,11411,11470,11475 heads	04400-2G
04500-U	3.5v halogen bulb for 18010 head	04500-2G
04600-U	3.5v halogen bulb for 17710 head	04600-2G
04700-U	2.7v vacuum bulb for laryngoscopes	04700-2G
04800-U	2.7v vacuum bulb for laryngoscopes	04800-2G
04900-U	3.5v halogen bulb for 11720,11730,11735,11620,11630 heads	04900-2G
06000-U	2.5v halogen bulb for laryngoscope handles	06000-2G
06200-U	3.5v halogen bulb for 23300,23000,23020,23040 heads	06200-2G
06500-U	3.5v halogen bulb for 23300,23000,23020,23040 heads	06500-2G
07800-U	6.0v halogen bulb for 73211 handle	07800-2G
08200-U	3.5v halogen bulb for 18245,18200,18235 heads	08200-2G
08500-U	3.6v halogen bulb for 20502S,20512S,20512H head lights	08500-2G

If you are unable to see the product you require, please call your local distributor.  
Most other generic Welch Allyn bulbs are available upon request.

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



## Spare Bulbs for Keeler Ophthalmoscopes and Otoscopes

**Ophthalmoscope****KT12.8**

2.8v halogen bulb for Keeler Pocket Ophthalmoscope.  
Single packed

**KT22.8**

2.8v halogen bulb for Keeler New Standard and  
New Practitioner Ophthalmoscope

**KT23.6**

3.6v halogen bulb for Keeler New Standard and  
New Practitioner Ophthalmoscope

**KT32.8**

2.8v halogen bulb for Keeler Vista and Vista 20 Ophthalmoscope

**KT33.6**

3.6v halogen bulb for Keeler Vista and Vista 20 Ophthalmoscope

**Otoscope bulb - screw in type****KT42.8**

2.8v halogen bulb for Keeler Standard, Pocket Deluxe, Vetscope  
and Tongue Depressor

**KT43.6**

3.6v halogen bulb for Keeler Standard, Pocket Deluxe, Vetscope  
and Tongue Depressor

**Otoscope bulb - push in type****KT52.8**

2.8v halogen bulb for Keeler Practitioner, Vista, Fibre Optic  
Otoscope and Finoff Transilluminator

**KT53.6**

3.6v halogen bulb for Keeler Practitioner, Vista, Fibre Optic  
Otoscope and Finoff Transilluminator

**Rechargeable Cells suitable for use with Heine or Welch Allyn handles**

A range of quality rechargeable cells, guaranteed for 2 years  
with an average working life of 5 years

**GUARDIAN GENERICA****Heine battery for Beta handles****HRC382**

Heine Ref. X-002.99.382. 3.5v rechargeable handle  
NiMh rechargeable battery to fit Beta rechargeable  
handle and F.O. laryngoscope handles

WA ref	2G ref	Diameter
72000	WA720002G	2.5v 600mAh NiCad Red Label
72200	WA722002G	3.5v 600mAh NiCad Black Label
72300	WA723002G	3.5v 800mAh NiCad Orange Label
72600	WA726002G	2.5v 600mAh NiCad Blue Label

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Otoscopes and Ophthalmoscopes - Specialist Ophthalmic Sets

**VISION**MED  
LED

### OPTICLAR VisionMed Ophthalmic Instrument Heads

All Opticlar ophthalmic equipment is manufactured to exacting standards to ensure first class optical performance.

#### 10 Year LED warranty

#### OPTICLAR AL68 Professional Ophthalmoscope

- Specialist Ophthalmoscope head for optometry/ophthalmology
- Double sealed against dust ingress
- TrueTone LED illumination
- Superior miniaturised optics facilitates entry in to even very small diameter pupils
- Polarising filter practically eliminates corneal reflex and can be used on all apertures
- 68 lenses from -30 to +38 in single diopter steps
- Independently selectable red free filter for use on all apertures provides increased contrast
- 18 filter/ aperture combinations for increased diagnostic capabilities
- Cobalt blue filter to help detect corneal abrasions
- Selectable apertures - micro spot, small spot, large spot, fixation star, slit, cobalt blue, red free on all apertures
- Cross polarising filter for light sensitive patients
- Battery life: C cell - 125 hours continuous use, rechargeable Lithium Ion - 2 hours continuous use from full charge



Lens range -30 to +38 full range in single diopter steps

- 30 38 +

Apertures



With contrast filter With polarisation filter

100.000.060

AL68 Ophthalmoscope Head

100.000.060H

AL68 Ophthalmoscope Head with auto-lock adaptor

#### OPTICLAR Streak Retinoscope Head

- True-Tone LED illumination
- Large viewing window provides the clearest view
- Multi-coated optics
- Single thumb control
- Durable, metal optics housing and controls
- Extended brow rest (for spectacle wearers)
- Magnetic dynamic Retinoscopy cards (included)



Set of 4 Magnetic fixation cards are supplied as standard

Brow rest  
User viewing window



Large viewing window provides clear view of fundus reflex

Single control for rotation and convergence/divergence of streak



100.000.080

SR Streak Retinoscope Head

100.000.080H

SR Streak Retinoscope Head with auto-lock adaptor

100.000.080/2

Spot Retinoscope LED Replacement



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Ophthalmic Instruments - Specialist Ophthalmic Sets

### Specialist Ophthalmic Set with Battery Handles

Includes:

- Streak Retinoscope
- AL68 Specialist Ophthalmoscope
- 2 x Battery Handles
- Zip Case



**100.020.130**

Ophthalmic Set - Battery Handle

### Specialist Ophthalmic Set with USB Rechargeable Handles

Recharge Time

8 Hours

Working Duration

20 Hours

Includes:

- Streak Retinoscope
- AL68 Specialist Ophthalmoscope
- 2 x Adapt USB Rechargeable Handles
- Zip Case

**100.020.131**

Ophthalmic Set - Adapt USB Lithium Ion rechargeable battery handle

**100.000.123/71**

USB recharger to fit 3 pin UK plug

**100.000.123/72**

USB recharger to fit car accessory socket



### AL 68 Ophthalmic Set with Adapt Lithium Ion Rechargeable Handles and Twin Port Charger

Recharge Time

2 Hours

Working Duration

20 Hours

Includes:

- AL68 Ophthalmoscopes
- Streak Retinoscope
- 2 Adapt Lithium Rechargeable Handles
- Twin Port Charger
- Zip Case

**100.020.132**

Ophthalmic Set with 2 x Adapt metal Lithium Ion Rechargeable Handles, Twin Port Charger



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



**Specialist Ophthalmic Set with E-Lithium Rechargeable Handles and Twin Port Charger**



Includes:

- AL68 Ophthalmoscopes
- Streak Retinoscope
- 2 E-Lithium Rechargeable Handles
- Twin Port Charger
- Zip Case

Recharge Time  
**2 Hours**

Working Duration  
**10 Hours**

**100.025.130**

Ophthalmic Set with 2 E-Lithium Ion Rechargeable Handles, Twin Port Charger

**OPTICLAR AL 68 Ophthalmoscope and Retinoscope Wall Sets**

Twin Bay Wall Station includes:

- Mains wall unit with 2 x corded handles with lockable collars
- 12ft/ 3.65metre cable
- AL68 Ophthalmoscope and Streak retinoscope heads
- Can be powered by 3 x C-Cell batteries or mains transformer

**100.041.130**

Wall mounted Ophthalmic Set with twin Handles

**100.000.141**

Mobile trolley mount for Wall Unit with mounting plate



Battery Duration  
**100+ Hrs**  
Per set







Available in C-Cell Battery or USB Rechargeable Portable Sets



**100.020.062**

AL68 LED Ophthalmoscope Set. Adapt Lithium rechargeable Handle and Single Port Charger



**100.025.060**

AL68 LED Ophthalmoscope Set. E-Lithium Rechargeable Handle Single Port Charger

## Opticlar AL68 Ophthalmoscope Sets

Choice of:

- 2 x C Cell Adapt battery handle or
- USB rechargeable Adapt battery handle
- Lithium rechargeable handles
- Mains/Battery Wall Unit

**100.020.060**

AL68 LED Ophthalmoscope Set with Adapt C cell Battery Handle

**100.020.061**

AL68 LED Ophthalmoscope Set with Rechargeable USB Handle

**100.000.123/71**

USB recharger to fit 3 pin UK plug

**100.000.123/72**

USB recharger to fit car accessory socket

100.045.060



## AL68 Single wall unit

- Supplied with one handle
- 12ft/ 3.65metre cable
- AL68 ophthalmoscope lockable head
- Mains or C-Cell Battery operated

**Battery Duration**



**100.045.060**

AL68 Wall Mounted Single LED Ophthalmoscope Set

**100.000.141**

Mobile Trolley Mount with mounting plate

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

**Opticlar Streak Retinoscope Sets**

52



**C Cell Streak Retinoscope Set**

- 125 hours continuous use
- 2 x C Cell Adapt battery handle

**100.020.080**

Streak Retinoscope Set with Adapt C cell Battery Handle

**100.020.081**

Streak Retinoscope Set - Adapt USB Lithium Ion rechargeable battery handle

**100.000.123/71**

USB recharger to fit 3 pin UK plug

**100.000.123/72**

USB recharger to fit car accessory socket

Choice of C-Cell Battery or USB Rechargeable Portable Sets



**100.020.082**

Streak Retinoscope with Adapt Rechargeable Lithium Ion Handle. Single Port Charger

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



**100.025.080**

Streak Retinoscope with E - Lithium Ion Handle.  
Single Port Charger

### Streak Retinoscope Single wall unit

Single wall unit includes:

- Mains powered wall unit with corded handle and lockable collar
- 12ft/ 3.65metre cable
- Streak Retinoscope head



**Battery Duration**  
100+ Hrs  
Per set

**100.045.080**

Wall mounted Streak Retinoscope with Corded Handle

**100.000.141**

Mobile Trolley Mount with mounting plate





### Opticlar T500 EasyView Binocular Indirect Ophthalmoscope

In discussion with leading Ophthalmic institutions, it was clear there was a need for a Binocular Indirect Ophthalmoscope that provided great ophthalmic imaging, whilst being quick, simple and easy to use. The Opticlar T500 EasyView has been designed to meet that need.

**Simple PD adjustment**

**Simple headband adjustment**

**Simple illumination controls**

**Simply the Opticlar T500 EasyView!**

*And when you've done, slip in to the dock and it simply recharges!*



With the ready availability of advanced imaging systems such as Fundus Cameras, Slit lamps and Retinal Screeners, the role of the BIO has changed. Advanced features are not always required and speed and simplicity is now a greater priority for practitioners. Enter the T500 EasyView BIO.

It may be simple to use, but the T500 EasyView has first-class optics, with True-Tone LED illumination providing just the right amount of light, with excellent colour-rendering characteristics. The retina is seen clearly and in natural state – allowing lesions, structural details and indicative changes to be viewed quickly and accurately. The expert knowledge gained in the manufacture of our Opticlar Zumax Microscopes has been fully utilised in the design and manufacture of the all-new T500 EasyView BIO.

- Lightweight, comfortable headband with rotary crown and nape adjustment
- Lithium-Ion rechargeable battery system, head mounted for convenience and balance and including class-leading performance
- True-Tone LED illumination – reliable light source providing the best image possible
- Cost-effective - blown-bulbs are a thing of the past and running costs are reduced
- Rotary dial aperture adjustment; large spot / medium spot / large polarized / medium polarized / green (red-free) / cobalt blue
- Sliding PD adjustment
- Illumination beam adjustment +/- 15°, left or right handed
- Headband mounted brightness control
- Dust-proof, multi-coated optics
- Includes wall mounted charger, training mirror and 2d insert lenses



**100.050.500**

Opticlar T500 EasyView, complete kit

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



### EasyView LED Binocular Indirect Ophthalmoscope

The EasyView Indirect Ophthalmoscope is a comfortable, reliable and technically superior ophthalmoscope, combining first-class optics, a comfortable lightweight headset and ease of view.

Our patented EasyView filter system makes non-dilated pupils as small as 1mm easy to see with a brilliant retinal image void of distracting glare and reflexes.

Recharge Time  
**[2.5] Hours**

Working Duration  
**[8] Hours**







- **PD** - 46 to 74mm, individually adjustable, with optional +2D lens inserts supplied
- **Filters** - Cobalt blue, Yellow, Green, Clear , EasyView
- **Apertures** - Large, Medium, Small, Diffuse
- **Convergence** - Viewing and Illumination synchronised from dilated to non dilated pupil with no presets
- **Independent Beam adjustment** - Left and right handed +/- 15 degree
- **Teaching mirror** - Supplied as standard
- **TrueTone LED** - Approximately 20,000 hours working life
- **Rheostat** - head band mounted
- **Battery pack** - lithium ion with choice of rear or over band mounting
- **Charging Dock** - Wall/Desk mounted, takes 2 battery packs
- Individually adjustable rear and over band
- Detachable comfort pads, washable
- Flip up optics
- 540g Total weight including lithium ion cell

**100.050.100**





Opticlar EasyView Binocular Indirect with headband cell and charging station

#### 5 Filters; easy to select and work on all apertures

For normal viewing just select EasyView for brilliant stereoscopic images of the fundus.

- 1 Cobalt Blue for fluorescein examinations 
- 2 Yellow for light sensitive patients 
- 3 Green for red free differentiation of vessels 
- 4 Clear for normal examinations 
- 5 EasyView for the easiest view down to pupils of 1mm. Excellent contrast with minimal glare and reflections 

#### 4 Easy to select apertures

- 1 Large spot, for the largest possible view of the fundus with fully dilated pupils 
- 2 Medium spot, for children and light sensitive patients 
- 3 Small spot, for non dilated pupils 
- 4 Diffuser 

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Ophthalmic Instruments - Slit Lamp

### Opticlar SL280 Hand-Held Slit Lamp

The Opticlar SL280 is a lightweight, portable slit-lamp, designed to provide optimal flexibility in all examination conditions. Ergonomically designed to put all controls at the users fingertips and with a wide choice of settings included - SL280 achieves a perfect view of the patient whilst being comfortable and easy to use for the practitioner.

Illumination is provided by the Opticlar True-Tone LED source, with adjustable brightness to suit all patients and ambient conditions. With excellent colour-rendering properties, True-Tone LED gives a true-to-life image, to make your diagnosis as easy and accurate as possible. Power is provided by a Lithium rechargeable battery, situated in the handle of the instrument and charged by placing the SL280 in the dedicated desk charger. The charger stand is compact, convenient to use and even has a slot to charge a second battery should you wish!



**100.050.300**  
SL280 Hand-Held Slit Lamp

### Technical Specifications

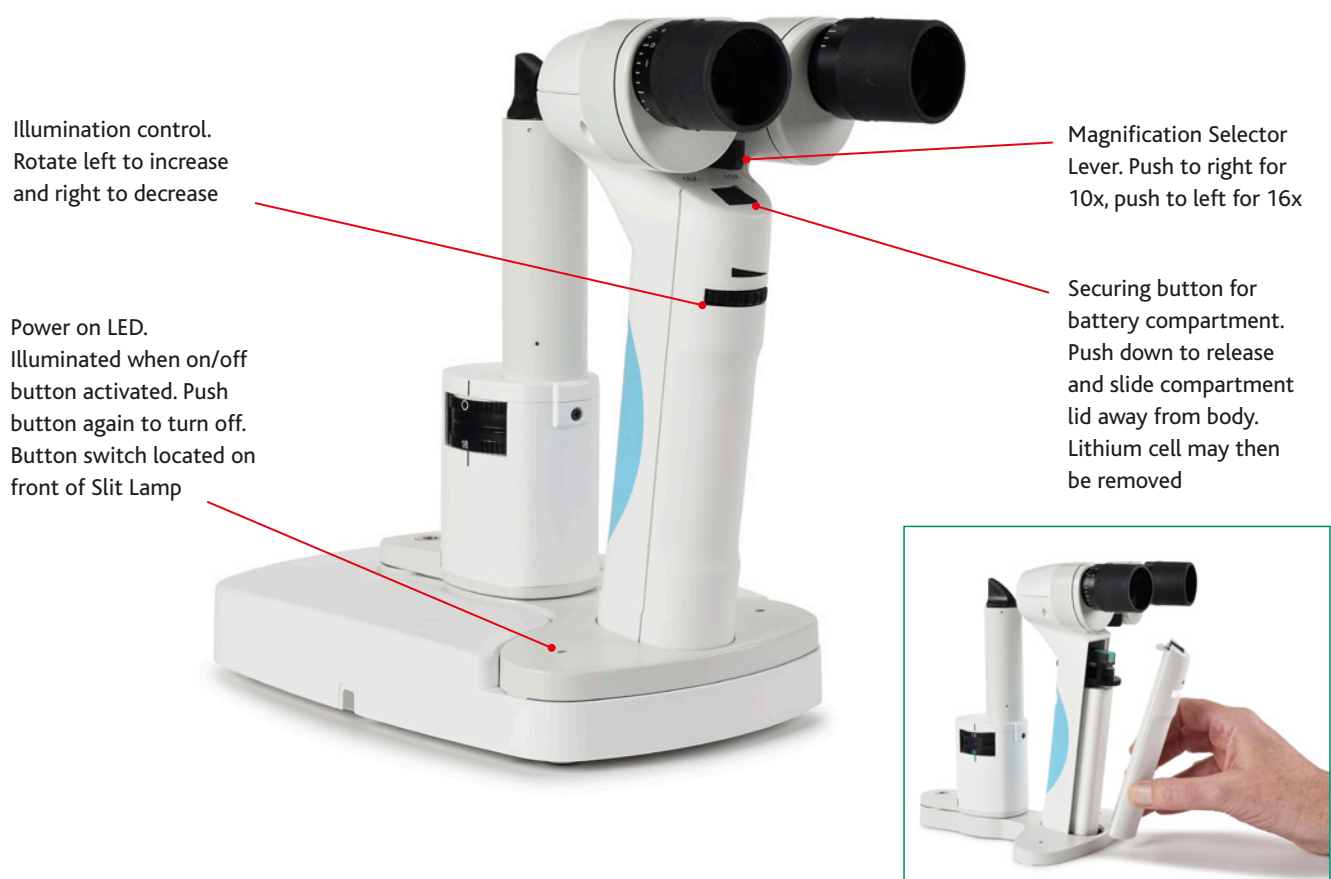
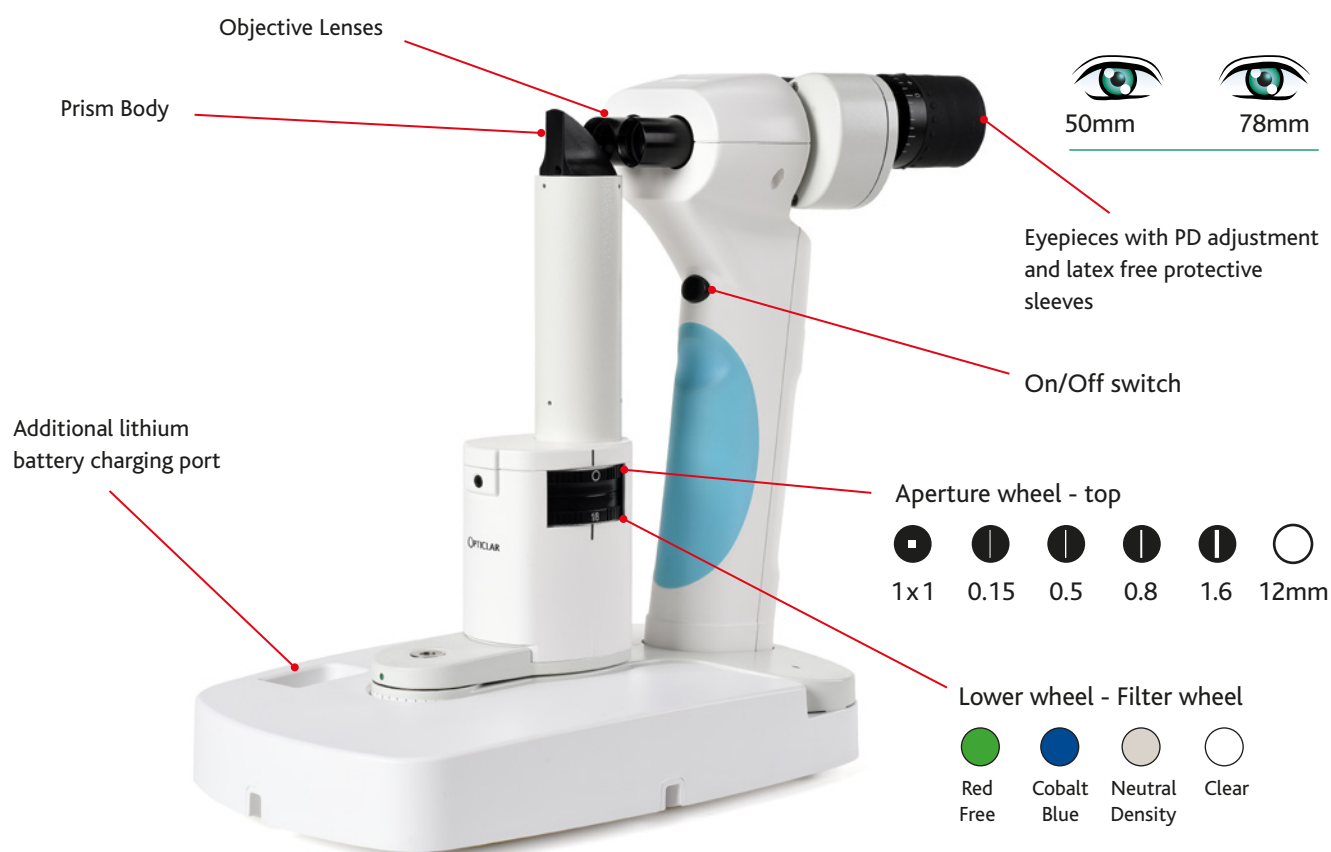
<b>Optics</b>	Binoculars converging at 13d
<b>Magnification</b>	Choice of 10x or 16x via selection lever
<b>10x working distance</b>	Approx 90mm
<b>16x working distance</b>	Approx 72mm
<b>Field of view</b>	10x Approx 14mm
<b>Field of view</b>	16x Approx 11mm
<b>PD Range</b>	50mm to 78mm
<b>Ocular adjustment</b>	+/- 7 dioptres
<b>Size</b>	163mm x 124mm x 205mm Slit Lamp 215mm x 135mm x 30mm Docking station
<b>Weight</b>	880 grams Slit Lamp 290 grams Docking Station
<b>Apertures</b>	Slits - 0.15/0.5/0.8/1.6mm. Circle 12mm dia. 1mm square
<b>Filters</b>	Green (red free)/Cobalt Blue/Neutral density 0.8/Clear
<b>Illumination control</b>	Continuously variable from 1000 lux (min) to 40,000 lux (max)
<b>Power Supply</b>	12v/2A
<b>Complies with</b>	BS EN 60601-1:2006 / EN60601-1-2:2007



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

Ophthalmic Instruments - **Slit Lamp**  
**Identification of components and controls - SL280**



**Compact D-Scope**

Complete with XY contact plate, USB charging cable and zip case

- USB Lithium-Ion rechargeable. 5 hours continuous illumination at full power setting. 3 hours charge time
- 4 high performance TrueTone LED's
- >50,000lux homogeneous light field
- 4 illumination levels
- Immersion, Polarisation and Non Contact Modes
- Smart phone controlled by Dscope for easier imaging
- Comprehensive choice of contact plates available - disposable, XY, X, inaccessible lesion all with magnetic closure
- Magnetic pick up enables the contact plates to be easily located on to the Compact dermatoscope
- Easy iPhone and Smart phone connection such as Samsung S7, S6 Edge
- Less than half the weight of conventional Dermatoscopes at 180g
- Microscope grade optics, fully coated to minimise chromatic aberration. 23mm diameter objective lens
- Smart and durable belt case
- 5 year physical product warranty and 10 year LED warranty - UK based servicing and repairs with 48 hour turnaround



Recharge Time

**3 Hours**

Working Duration

**5 Hours****10 YEAR  
LED  
Warranty**Green LED  
technology

LED TRUETONE



140mm

45mm

20mm

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



## Compact D-Scope

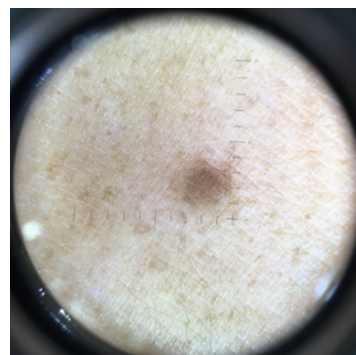
Outer Focus Ring

Slide lever to switch  
between polarisation and  
immersion settings

LED power and  
charging indicators

On/off plus LED  
brightness control

Bluetooth camera  
operation



Magnetic contact plate connection



100.060.201/...



100.060.201/2

100.060.201/3



### Smartphone Connectors

Connects to your D-Scope simply

Quick, easy emailing and storing of images

#### iPhone Connectors

**100.060.010/I4**

Connector for iPhone 4

**100.060.010/I5**

Connector for iPhone 5

**100.060.010/I6**

Connector for iPhone 6

**100.060.010/I6+**

Connector for iPhone 6+

**100.060.010/I7**

Connector for iPhone 7

**100.060.010/I7+**

Connector for iPhone 7+

**100.060.010/X**

Connector for iPhone X



#### Samsung Connectors

**100.060.010/S5**

Connector for Samsung S5

**100.060.010/S6**

EDGE Connector for Samsung S6 Edge

**100.060.010/S6**

Connector for Samsung S7

**100.060.201**

Compact D-Scope

**100.060.201/1**

Magnetic Contact Plate with X axis only

**100.060.201/2**

Magnetic Contact Plate with XY axis

**100.060.201/3**

Magnetic Contact Plate for Inaccessible  
lesion

**100.060.201/7**

Desk Mounted Charger



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Introducing a new standard in LED Dermoscopy - OPTICLAR D-Scope 8DS

The NEW OPTICLAR VISIONMED D-Scope 8DS Dermatoscope takes dermatology to a new level. Packed with features and benefits that have been requested by top specialists in the Dermatology field. Fantastic performance combined with superbly competitive pricing makes the OPTICLAR dermatoscope the all round best proposition when considering new equipment.

- Powered by 8 high performance TrueTone LEDS for superb illumination
- Provides an excellent screening tool for early detection of malignant melanomas
- First class optics ensure excellent edge to edge magnification free from spherical and chromatic aberration
- Record and document findings with the excellent operating microscope derived optics ensuring first class images using either a simple compact camera adaptor, SLR adaptor or Smart phone camera adaptor
- Compatibility as standard with American brand Twist lock handles or upon request with German brand Auto-lock connector

### Switchable Polarisation/Immersion Dermoscopy

Initial examination is easily accomplished using the Polarisation setting. If more detailed examination is required simply rotate contact plate to select immersion setting and apply the chosen contact medium, **no need to change contact plates**

### Small Lesion Contact Plate

- If the lesion is difficult to access simply remove contact plate and fit the extended small lesion plate, access can now be made between fingers and toes and other hard to reach areas

### Unique to D-Scope 8DS - Worlds first single use contact plate system

- Simple and effective solution to minimise cross infection - if accessing personal areas such as the genitals and anal region fit the disposable contact plate holder and clip on the disposable contact plate. When finished simply flick the disposable contact plate into a suitable clinical waste receptacle
- Disposable contact plate system can be used with either polarised light or for contact dermatoscopy

### X/Y Measuring Graticule

- In addition to standard clear and straight measuring graticule plates, D-Scope 8DS can be used with the unique X/Y Graticule Plate
- X/Y graticule provides unique referencing points for training and peer to peer discussion



Finger tip  
focus control

A polarised or non-polarised image can be selected via the front push button or by rotating the contact plate X/O selector



**100.000.280**  
Opticlar D-Scope Head only

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Opticlar D-Scope 8DS Dermatoscope Sets

All Opticlar D-Scope 8DS Sets include:

- D-Scope 8DS with immersion/ polarisation option
- Contact plate with X/Y graticule
- Single use contact plate system
- Zip storage case
- Choice of power supply



### 100.020.282

Opticlar D-Scope 8DS set with combi immersion and polarisation plate with X/Y measuring graticule, Adapt Lithium Ion rechargeable handle and Single Pod Desk Charger



### 100.020.281

Opticlar D-Scope 8DS set with combi immersion and polarisation plate with X/Y measuring graticule with USB lithium ion rechargeable handle

### 100.000.123/71

USB recharger to fit 3 pin UK plug

### 100.000.123/72

USB recharger to fit car accessory socket



### 100.025.280

Opticlar D-Scope 8DS with combi immersion and polarisation plate with X/Y measuring graticule. E rechargeable handle and Single Pod Charger

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**





100.000.200/1

100.000.200/2



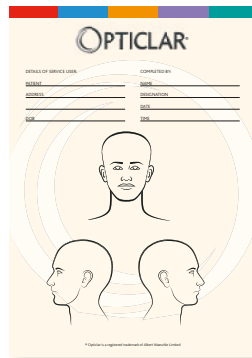
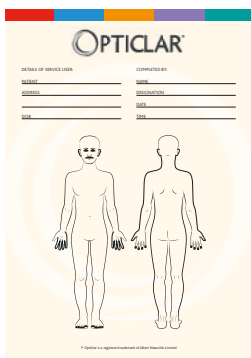
100.000.200/3

100.000.200/5



100.000.200/4

100.000.200/5



100.000.200/12

**100.000.200/1**

Simple measuring graticule plate with Immersion and Polarisation Modes

**100.000.200/2**

X/Y graticule plate with Immersion and Polarisation Modes

**100.000.200/3**

Inaccessible lesion plate, 8mm diameter, Immersion mode only

**100.000.200/4**

Single patient plate holder with Immersion and Polarisation modes - not to be discarded

**100.000.200/5**

Pack of 10 Single patient use contact plates

Pack of 50 Single patient use contact plates

Pack of 100 Single patient use contact plates

Pack of 500 Single patient use contact plates

**100.000.200/6**

Head to handle extension lead for use with camera system or when difficult to use fixed handle in restricted access sites

Skin marking pens for temporary marking of suspect sites when performing body mapping. Helps prevent missed sites when documenting

**1437-10**

Mini Surgical Skin Marking Pens - Pack of 10

**1437-50**

Mini Surgical Skin Marking Pens - Pack of 50

**1437-100**

Mini Surgical Skin Marking Pens - Pack of 100

**100.000.200/12**

Body Maps, generic, front and rear, head front and side views. Helps document possible lesions when body mapping. Supplied in tear off pads of 100 sheets.

**Head and Handle Adaptors**

For Dermatology departments that wish to upgrade to an OPTICLAR D-Scope 8DS we offer simple converters that allow use on German brand handles and charging systems, or to upgrade to OPTICLAR lithium ion rechargers and handles we offer a simple converter that allows the use of German brand instruments on OPTICLAR handle systems.

**100.000.098**

OPTICLAR handle to German brand head adaptor - simply locks on to provide secure fit for German brand instruments to Opticlar or WA handles

**100.000.099**

OPTICLAR head to German brand bayonet fitting handles - simply locks on to provide secure fit for Opticlar or WA instrument heads to German brand handles



100.000.099



100.000.098

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



### OPTICLAR D-Scope Camera Adaptors

- Range of camera adaptors to fix to the OPTICLAR dermatoscope for recording images and records



**100.000.200/10**

Compact camera

**100.000.200/15**

Canon SLR

**100.000.200/20**

Nikon



Nikon



### OPTICLAR D-Scope Mobile Phone Adaptors

- Range of smartphone adaptors to fix to the OPTICLAR and HEINE dermatoscopes for recording images and records
- Non damaging, simple method of connecting the phone to the dermatoscope
- Excellent stability and imaging

#### Apple iPhone connectors for Opticlar Dermatoscope 8DS

<b>100.000.200/39</b>	Connector for iPhone 4
<b>100.000.200/40</b>	Connector for iPhone 5, 5S and SE
<b>100.000.200/41</b>	Connector for iPhone 6
<b>100.000.200/42</b>	Connector for iPhone 6+
<b>100.000.200/44</b>	Connector for iPhone 7 and 8
<b>100.000.200/45</b>	Connector for iPhone 7+
<b>100.000.200/50</b>	Connector for iPhone X (10)
<b>100.000.200/49</b>	Connector for iPod

#### Apple iPhone connectors for Opticlar Compact Dermatoscope

<b>100.000.200/I4</b>	Connector for iPhone 4
<b>100.000.200/I5</b>	Connector for iPhone 5, 5S and SE
<b>100.000.200/I6</b>	Connector for iPhone 6
<b>100.000.200/I6+</b>	Connector for iPhone 6+
<b>100.000.200/I7</b>	Connector for iPhone 7 and 8
<b>100.000.200/I7+</b>	Connector for iPhone 7+
<b>100.000.200/IX</b>	Connector for iPhone X (10)
<b>100.000.200/3</b>	Connector for iPod



#### Samsung connectors for Opticlar Dermatoscope 8DS

<b>100.000.200/S6</b>	Connector for Samsung S6
<b>100.000.200/S6E</b>	Connector for Samsung S6 Edge
<b>100.000.200/S7</b>	Connector for Samsung S7
<b>100.000.200/S8</b>	Connector for Samsung S8

#### Samsung connectors for Opticlar Compact Dermatoscope

<b>100.060.010/S6</b>	Connector for Samsung S6
<b>100.060.010/S6E</b>	Connector for Samsung S6 Edge
<b>100.060.010/S7</b>	Connector for Samsung S7
<b>100.060.010/S8</b>	Connector for Samsung S8

Note: the above connectors are also available to fit the Heine Delta 20 Dermatoscope. Simply add 'H' to the end of the order code when ordering.

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Loupes, Lights and Microscopes - Introduction

The Opticlar VISIONMAG range of magnifying Loupes and Microscopes are becoming more and more popular as surgeons, dentists and medical practices alike discover the benefits, features and cost-savings available.

### OPTICLAR VISIONMAG Loupes

By the use of modern polymer plastics OPTICLAR loupes combine durability with comfort and light weight. OPTICLAR VISIONMAG loupes are available in a variety of magnifications and specifications to cater for a wide range of disciplines. They are ideal for General Surgery, Dermatology, ENT, Ophthalmology, Oral and Maxillofacial, Dentistry and Veterinary medicine as well as many other types of uses.

All VISIONMAG loupes have the following characteristics

- Achromatic, multi coated optics for crisp, bright images
- Water resistant
- Independently adjustable optics for perfect PD adjustment or auto-adjust optics where applicable for ease of use and perfect PD adjustment
- Wide fields of view and deep working distances
- Wide choice of working distances and magnifications providing the ideal solution for many applications
- Optional cost-effective lighting systems
- Comfortable, lightweight and strong sports style frames
- Click in supplementary frames for individual prescription lenses (I.O. Loupes).
- Lens protectors
- Choice of stylish frame colours
- Storage case

VISIONMAG  
LED



VISIONMAG  
LED



### OPTICLAR VISIONMAG LED ENT and Dental Microscopes

With the highest quality German optical glass lenses providing superb high resolution, high definition images of perfect clarity, Opticlar/ Zumax microscopes combine class leading performance and economy throughout the range.

TrueTone LED illumination provides accurate colour rendering and a working life in excess of 20,000 hours.

Good ergonomics and ease-of-use are standard features throughout the range. Support arms are supplied in flexible configurations and are superbly balanced to provide easy accurate positioning of the microscope head.

Pre purchase demonstrations are available, please call for details.



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

OPTICLAR VISIONMAG Pro-Line I.O Loupes



Code	Magnification	Working Distance mm
402.025.340	2.5x	340
402.025.420	2.5x	420
402.025.460	2.5x	460
402.025.500	2.5x	500
402.030.340	3.0x	340
402.030.420	3.0x	420
402.030.460	3.0x	460
402.030.500	3.0x	500

With a twin lens system the Pro-Line range of loupes provide excellent edge to edge clarity with no aberration. The individually adjustable optics ensure accurate interpupillary setting. Coated optics minimise reflections and maximise light transmission to provide crisp bright images. The unique height adjuster provides perfect pupillary alignment. The extreme angles of declination available ensures that these loupes are ideal for dentistry as well as all other forms of examination, other disciplines and surgery. Very comfortable, lightweight yet strong sports frame.

OPTICLAR Loupe Light for I.O Loupes

Fitted with a high quality LED the Opticlar I.O loupe light provides brilliant homogeneous illumination free from chromatic aberration. The compact lithium ion battery pack can provide up to 12 hours continuous use and fully recharges in less than 2 hours. With compact dimensions the battery pack can sit unobtrusively in the pocket or clipped to waist band or belt. The connection cable has a coiled section that provides an early warning if the cable is snagged on furniture or other objects. A separate on/off switch prevents premature wear on the rotary rheostat and enables the unit to be turned on/off at the previously chosen setting.



Recharge Time	Working Duration
2 Hours	8 Hours

500.000.054  
OPTICLAR Loupe Light IO



## OPTICLAR TTL Easi-Loupes - Dental and ENT Versions. Optional VM3 LED Loupe Light

Easi Loupes are also available with a ZERO ENT declination angle suitable for E.N.T. Audiology, Micro Suction and Equine Dentistry and other applications where the examiner and patient are at similar heights. The Optics are set at a ZERO angle (perpendicular) to the frame.

- Also available with a declination of 25° on the optics, ideal for dentistry.
- Available in all PD's, magnifications and working distances. Total weight of only circa 68g without light and 98g with loupe light.
- To order with VM3 Loupe Light add **LL** to end of code.



**Through The Lens Loupes that uniquely accommodate differences in inter pupillary distances.**

Follow these 4 Easy steps to select your loupes;

- 1 Choose your working distance from 340, 420, 460 or 500mm.
- 2 Ask a colleague to measure your PD (distance between the centre of your pupils). If not start with a 61mm PD.
- 3 Try the loupes and check for a single image, if double try an alternative PD
- 4 Add Loupe light if required by adding LL to end of code.

Available in the following magnification, working distances and field of view. If light required add LL at end of code

?? = PD required ie 59, 61, 63 or 65mm. 67mm upon special request

Order Code Dental (25°)	Order Code ENT (0°)	Magnification	Working Distance	Field of View
408.025.340??	408.025.340/??ENT	2.5x	340mm	55mm
408.025.420??	408.025.420/??ENT	2.5x	420mm	65mm
408.025.460??	408.025.460/??ENT	2.5x	460mm	75mm
408.025.500??	408.025.500/??ENT	2.5x	500mm	85mm
408.030.340??	408.030.340/??ENT	3x	340mm	46mm
408.030.420??	408.030.420/??ENT	3x	420mm	55mm
408.030.460??	408.030.460/??ENT	3x	460mm	60mm
408.030.500??	408.030.500/??ENT	3x	500mm	65mm



Recharge Time  
**2 Hours**

Working Duration  
**8 Hours**

### OPTICLAR VisionMax VM3 LED Loupe light

- Brilliant LED light with homogenous light spot. Circa 55,000 lux
- Light fully adjustable for shadow free illumination of the examination site.
- Latest Lithium battery technology for up to 8 hours illumination, no memory effect. Recharge time circa 2.5 hours
- Charge and use at same time with unique 'run flat' ability.
- Master on/off switch and independent brightness control.
- Handy carry case takes loupes and lights combined.
- To order with Loupes add **LL** to end of required code.

### OPTICLAR VisionMax VM3 LED Loupe light for T.T.L. Easi-Loupes. (For ordering separately from Loupes)

- Complete with Lithium rechargeable battery and charger.
- Shown mounted onto loupes. These are suitable for use with Sports frame, Sports Headband and Professional Headband loupes.
- Loupes NOT included.
- Weight 68g without light and 98g with loupe light

**500.000.054TTL**

VM3 LED Loupe light for T.T.L. Easi-Loupes



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



**SLH Prismatic Loupes**

The all-new Opticlar SLH Prismatic Loupes have been developed for use in fine surgical procedures, providing optimal magnification of the operating field. The optics are fully adjustable to provide a crystal-clear image, with perfect edge-to-edge clarity and no aberration. With optics available in 4x, 5x and 6x magnification and a range of working distances, SLH Loupes can be configured to suit all users and surgical conditions.

Mounted on the Opticlar professional headband, SLH Loupes are comfortable to wear and put zero pressure on the nose and bridge of the user. This allows them to be used for extended durations

and helps keep the optics in the correct position at all times. With adjusters at the top and back of the head and cushioned pads for comfort, the professional headband is both secure and a great fit for most users. The multi-adjustable optics mount is manufactured from machined aluminium and holds position perfectly with no 'drift'.

Opticlar SLH Prismatic Loupe are supplied complete with our 3watt LED Loupe-Light, with True-Tone LED Illumination producing a natural image with excellent colour-rendering properties. The light is mounted instantly to the Loupe via a magnetic contact plate, allowing the user to fit or remove it in a second!



- Coated, prismatic optics with edge-to-edge image, perfect clarity and no aberration
- Versatile, with a choice of magnification, working distance and adjustment
- Solid build quality and reliable in use
- Easy to adjust and set up optics
- Individually adjustable optics
- Comfortable professional headband for extended use
- Removable and sterilisable optics 'sleeves' included
- Opticlar 3Watt LED light with instant, magnetic connection included

Recharge Time

 **3 Hours**

Working Duration

 **5 Hours**

Available in the following magnification, working distances and field of view:

Order Code	Magnification	Working Distance	Field of View
402.040.340HBLL	4x	340mm	55mm
402.040.420HBLL	4x	420mm	65mm
402.040.460HBLL	4x	460mm	75mm
402.040.500HBLL	4x	500mm	85mm
402.050.340HBLL	5x	340mm	46mm
402.050.340HBLL	5x	420mm	55mm
402.050.340HBLL	5x	460mm	60mm
402.050.340HBLL	5x	500mm	65mm
402.060.340HBLL	6x	340mm	40mm
402.060.340HBLL	6x	420mm	47mm
402.060.340HBLL	6x	460mm	50mm
402.060.340HBLL	6x	500mm	58mm



[See following page for further details.](#)

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

**SLH Prismatic Loupes**



## Loupes, Lights and Microscopes - Microscopes

### Opticlar Zumax LED Examination Microscopes

When clarity of vision and minute detail is critical, the Opticlar Zumax range of ENT and Dental Microscopes deliver - with high resolution, high definition lenses and brilliant True-Tone LED illumination, providing the sharpest, clearest, homogeneously lit image with excellent, natural colour characteristics.

Opticlar Zumax Microscopes are easy-to-use and reliable, with a wide choice of options and configurations, making them the most versatile choice for ENT and Dental procedures.

**LED Illumination** – True-Tone LED with excellent colour-rendering characteristics with a guaranteed 10 years working life for the LED light system. The expense and down-time of blown bulbs are a thing of the past.

**Versatility** – with a choice of mounting options, model configurations and optional add-on's, selecting the perfect Opticlar Zumax Microscope is always possible.

### Opticlar Zumax Microscopes - Common Features:

- Integrated Yellow and Green (Red-Free) color filters
- Choice of illumination spot sizes
- True-Tone LED Illumination
- High-quality (German grade) multi-coated optics
- Eye piece PD adjustment
- Adjustable brightness control
- Adjustable magnification
- Super-balancing arm system (magnetic control on OMS3200)
- Choice of mounting options

### Optional extras include:

- Range of camera and video options
- Smartphone adaptors
- 3D Image system
- Beam splitter
- Alternative eyepieces
- Extended warranty

See following page for model range



OMS2380



OMS2350

### Try Before You Buy

We can arrange a free demonstration and trial period in your premises to fit around your schedule.

**Training and Documentation** – Optional high-resolution digital interface allows remote viewing and digital capture of the image, for training purposes, referral and patient data documentation.

**Adaptable** – every user has their own priorities and requirements and with a wide choice of eye piece magnifications, focal lengths, arm lengths and mountings, our microscopes are adaptable and adept.

**Economical** – reduced maintenance, eliminated bulb costs, low energy consumption, durable construction and affordable purchase price make Opticlar Zumax Microscopes the cost-effective choice.

**Warranty** – an industry leading 5 year warranty included with all Opticlar Zumax Microscopes, with a 10 year warranty on the LED system.

**Mounting Options** - Opticlar Zumax Microscopes are available with a range of mounting solutions, including wall or ceiling mounts, mobile trolleys and fixed floor pole mounts.



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

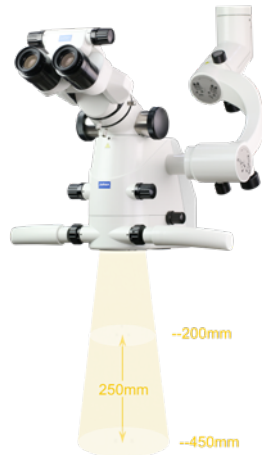
### Choosing the correct Opticlar Zumax Microscope - ENT or Dental?

The OMS 2350 is suitable for both ENT or Dental use. The ENT model has straight line-of-sight binocular tubes, whereas Dental Microscopes have inclinable binocular tubes.

The OMS 2360/2380 and 3200 are designed specifically for the dental market.

#### Focal Range

The type of procedure dictates the flexibility required and Opticlar Zumax Microscopes are available in a choice of models with differing focal ranges:



#### OMS2350

Our entry-level microscope with a 6-step focusing system offering a standard 20mm focal range adjustment (290mm +/- 20mm), which can be enhanced to 90 mm with the varifocal lens (260-350mm). Internal video option with HDMI output.

#### OMS2360

Again featuring a 6-step focusing system, but with a greater focal range from the VarioDist objective lens – providing a focal length from 200mm to 450mm. Internal HD camera option, both 2D and 3D, with easily accessible SD card storage as well as both HDMI and Ethernet output.

#### OMS2380

All the features of the OMS2360 together with a continuous range of magnification instead of the traditional 6 step system.

#### OMS3200

Our class-leading model, the OMS3200 includes electro-magnetic movement.





### Opticlar Colposcope

Opticlar Colposcope for vaginal examination, with integrated high-power True-Tone LED illumination, providing a highly magnified image of the cervix, vagina and vulva. Pre-malignant and malignant lesions in these areas have discernible characteristics that can be easily detected by using the Colposcope.

A choice of magnifications and working distances provide flexibility for all examination conditions. The binocular optics provide a 3D image, allowing perception of depth for all structures and lesions. The True-Tone LED light source provides clear, even illumination of the examination site, whilst retaining natural colour detail and edge-to-edge clarity of image.

- Integrated full-HD digital video camera with optional connection of smartphone and digital SLR cameras
- VarioDist objective lens provides a working distance from 250 to 400mm
- Clean, hygienic design with integral cable channelling
- 0 – 180° inclinable binocular tube
- True-Tone high power LED illumination, 40,000 lux @ 300mm working distance
- 5 step magnification changer; 0.4x / 0.6x / 1.0x / 1.6x / 2.5x
- Laser filter optics
- Selectable yellow and green (red-free) filters

The Opticlar Colposcope is available with different options and configurations. On-site demonstrations and personalised quotations are available on request. Call for details.



Opticlar CLS3080 Colposcope



The Opticlar CLS380 Colposcope has versatile options for image capture and documentation.

## Why choose LED illumination for medical lighting?

Specifically designed to meet the demanding requirements of the medical professions, the Opticlar Visionmax range of lighting delivers an exceptional standard of quality, reliability and ease of use.

At the heart of the equipment is the very latest in LED technology, providing the optimum illumination for every procedure and guaranteed to perform at the highest level, day in, day out.

The ergonomic designs, allied to world-class assembly techniques, ensure that each and every light offers unrivalled functionality – from simple, intuitive controls to assured wipe-clean hygiene, from LEDs that remain cool to touch without the need for cumbersome external venting to excellent energy efficiency and guaranteed long life.

The tried and tested range of medical lighting provides all the options clinicians might need, providing true-to-life images in complete clarity and giving you the ideal solution for precise surgical procedures, general examinations or everyday use in the treatment room.

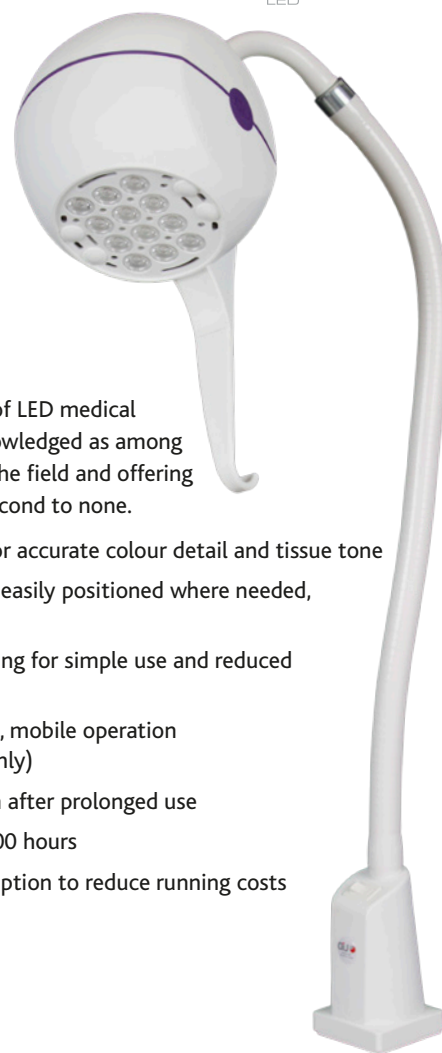
And this is complemented by a choice of equally high-specification personal lighting, carefully developed for a different situation, each eliminating the problems of glare and shadows, and all ensuring workplace mistakes and incorrect conclusions are kept to an absolute minimum.

All in all, Opticlar Visionmax puts the very best technology at your fingertips, giving you invaluable assistance in diagnostics and treatment, and priceless peace of mind in your professional interaction with patients.

### Medical lighting

A well-proven range of LED medical lighting, widely acknowledged as among the world leaders in the field and offering a blend of benefits second to none.

- High CRI lighting for accurate colour detail and tissue tone
- Long, flexible arms easily positioned where needed, without drooping
- Contactless switching for simple use and reduced contamination
- Option for cordless, mobile operation (selected models only)
- Cool to touch, even after prolonged use
- LED life up to 50,000 hours
- Low power consumption to reduce running costs



### Personal lighting

An innovative selection of personal lighting that is comfortable to wear, easy to use and completely interchangeable – easily adapted to mount as a loupe, spectacles, sports or professional headband.

- Exceptional brightness – up to 60,000 lux
- Superb colour temperature of 5,500 – 6,000K
- Up to 8 hours battery life even at maximum illumination
- Homogenous light spot for consistent edge-to-edge illumination
- Fast recharge time in less than two hours
- Continuously adjustable illumination level
- Modular mounts eliminates the need to buy extra lights



## Examination and Personal Lighting - LED Examination Lights

### Flexi 3 and Flexi 10 Examination Lights

Innovative 3W and 10W LED exam light with TrueTone™ LED

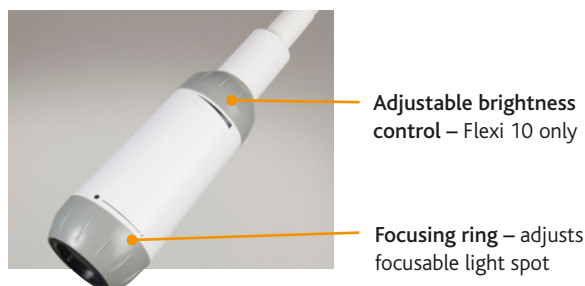
- Contactless on off switch conveniently mounted on front transformer panel
- 125cm flexible shaft with high quality armoured coil lets you adjust the light into the ideal position with no drifting during use
- The high quality armoured flexible shaft rotates 270 degrees avoiding unnecessary stress on the lower joints
- Convenient, head mounted rotary focussing control
- 3W/10W TrueTone™ LEDs provide excellent colour rendering and stays cool even after extended examinations
- Mains operation provides unlimited use time
- Optional Lithium rechargeable power supply available, allows 100% mobility with no trailing wires
- Wide range of mounting options

### Specification

LED:	TrueTone™ LED with integral cooling
Arm reach:	125cm
Mountings:	Wall, Universal clamp and mobile trolley
Focussing:	At 30cm - 3 to 15cm At 50cm 4 to 22cm diameters
Illumination:	10% to 100%
Brightness:	3W max. approx 40,000lux at 30cm 10W max. approx 57,500lux at 30cm
On/Off:	Contactless, front mounted
LED Life:	Guaranteed for 10 years, over 50,000 hours life
Guarantee:	LED 10 years, Light 5 years



Opticlar FLEXI 10



Opticlar FLEXI 3



### Flexi 3

Mains	Description	Mains/Rechargeable
520.000.054M	With dedicated wheeled stand	520.000.054MR
520.000.054MUT	With universal wheeled stand	520.000.054MRUT
520.000.052M	With universal clamp	520.000.052MR
520.000.050M	With wall mounting bracket	520.000.050MR

### Flexi 10

520.020.054M	With dedicated wheeled stand	520.020.054MR
520.020.054MUT	With universal wheeled stand	520.020.054MRUT
520.020.052M	With universal clamp	520.020.052MR
520.020.050M	With wall mounting bracket	520.020.050MR

Universal Trolley/Desk Mount



Wall Mount



Trolley Mount Bracket

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

BELLA LED Examination Light

The new Opticlar Bella surgical lamp is a very powerful LED examination light, ideally suited to minor surgery, dermatology and intensive care units. The flexible gooseneck arm allows precise positioning of the light head and the ergonomic handle is comfortable and hygienic to use.

The light source is a multi-LED array, providing 17 watts of illumination. This is comparable to a 90 watt halogen light, so is bright enough to illuminate a small to medium surgical field. The colour rendering index (CRI) of the Bella light is 95, so consistent illumination is guaranteed, with true to life colour rendering and no distortion or aberration of the field of view. The Opticlar Bella includes contactless on/off control, to help prevent contamination of the lamp. Simply swipe your hand in front of the sensor to switch the light on and off.

Specification

LED:	17W
Mountings:	Wall, Universal clamp and mobile trolley
Focussing:	At 30cm - 10cm dia. illumination field At 50cm - 13cm dia. illumination field At 100cm - 20cm dia. illumination field
Illumination:	50% to 100%
Brightness:	At 30cm - 150,000 lux At 50cm - 80,000 lux At 100cm - 23,000 lux
Kelvins:	4500K
Lumens:	1440
CRI:	95
On/Off:	Contactless switch
Cable Length:	3 metres
LED Life:	Over 50,000 hours life
Guarantee:	LED 10 years, Light 5 years
Dimensions:	Head - 160 x 133mm, Gooseneck 700mm, Lamp Base - 69 x 69 x 115mm



SU551/L

- LED17650-ISC  
BELLA with Contactless On/Off Control
- LED071001-ISC/B  
BELLA with Contactless On/Off Control and 2 way (50/100%)  
Light Output



BRA00800R



EMU00444



ETPRM006



ETR0111

- SU551/L  
Heavy Duty Mobile Base, 5 castors
- BRA00800R  
Articulated Twin Arm, Wall Mounted

- EMU00444  
Wall Mount Plate
- ETPRM006  
Universal Mounting Bracket
- ETR0111  
Simple desk/trolley clamp



### HEPTA LED Examination Light

The Opticlar Hepta lamp is a best-selling LED examination light, ideally suited to the GP practice. The high light output and compact head make the Hepta ideal for treatment rooms and Doctors offices. The extra long flexible gooseneck arm can be easily set to virtually any position and the addition of a second extra flexible neck section gives even more flexibility at the light head.

The excellent quality light comes from a 7 LED lamp head, providing 7watt illumination - comparable to a traditional 50watt halogen light. With an output of up to 53,000 lux (at 30cm distance) it is bright enough for small surgical procedures, gynaecology examinations and dermatology applications. With a colour rendering index (CRI) of 95, the quality of image is maintained and colours remain true, allowing for accurate diagnosis and precise treatment.

The Opticlar Hepta includes contactless on/off control as standard. Simply swipe your hand in front of the sensor to switch the light on and off.

#### Specification

LED:	7W
Mountings:	Wall, Universal clamp and mobile trolley
Focussing:	At 30cm - 10cm dia. illumination field At 50cm - 13cm dia. illumination field At 100cm - 20cm dia. illumination field
Illumination:	50% to 100%
Brightness:	At 30cm - 150,000 lux At 50cm - 80,000 lux At 100cm - 23,000 lux
Kelvins:	4500K
Lumens:	900
CRI:	95
On/Off:	Contactless switch
Cable Length:	3 metres
LED Life:	Over 50,000 hours life
Guarantee:	LED 10 years, Light 5 years
Dimensions:	Head - 110 x 100mm, Gooseneck 1140mm, Lamp Base - 69 x 69 x 115mm



#### LED071001-ISC/W

HEPTA with Contactless On/Off Control - White

#### LED071001-ISC/B

HEPTA with Contactless On/Off Control - Black



BRA00800R



EMU00444



ETPRM006



ETR0111

#### SU551/L

Heavy Duty Mobile Base, 5 castors

#### BRA00800R

Articulated Twin Arm, Wall Mounted

#### EMU00444

Wall Mount Plate

#### ETPRM006

Universal Mounting Bracket

#### ETR0111

Simple desk/trolley clamp

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

### CARLA LED Examination Light

The Opticlar Carla lamp is a small and very compact LED examination light that provides precise and localised lighting. Ideal for use in gynaecological procedures and for general medical care.

Carla is available in 2 versions:

123cm - The extra long flexible gooseneck version reaches to a huge 123cm distance and can be positioned to provide light from any angle or position. 100cm - The shorter 100cm light includes a hinged joint at the light head lends an extra level of adjustment and practicality.

Light is provided from a 4.2watt LED, providing illumination equivalent to a 20watt halogen bulb. This gives an output of up to 9,600 lux (at 30cm distance) which makes the Carla light ideal for general medical care and auxiliary lighting. With a colour rendering index (CRI) of 95 the Carla light maintains a high quality image, comparable with bigger, more powerful lights.

### Specification

LED:	4.2W
Mountings:	Wall, Universal clamp and mobile trolley
Focussing:	At 30cm - 15cm diameter illumination field At 50cm - 20cm diameter illumination field At 100cm - 30cm diameter illumination field
Illumination:	50% to 100%
Brightness:	At 30cm - 12,000 lux At 50cm - 4,200 lux At 100cm - 1,200 lux
Kelvins:	4500K
Lumens:	360
CRI:	95
On/Off:	Contactless switch
Cable Length:	3 metres
LED Life:	Over 50,000 hours life
Guarantee:	LED 10 years, Light 5 years
Dimensions:	Head - 60 x 95mm, Gooseneck 1000mm or 1230mm, Lamp Base - 69 x 69 x 60mm
Colour:	White



#### LED B0900

CARLA with Flexible Gooseneck - 1,000mm

#### LED B1200

CARLA with Flexible Gooseneck - 1,230mm



BRA00800R



EMU00444



ETPRM006



ETR0111

#### SU551/L

Heavy Duty Mobile Base, 5 castors

#### BRA00800R

Articulated Twin Arm, Wall Mounted

#### EMU00444

Wall Mount Plate

#### ETPRM006

Universal Mounting Bracket

#### ETR0111

Simple desk/trolley clamp

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

FLORA LED Examination Light

The Flora LED Light provides a large area or bright, soft light and can be used for large area examinations, such as for Dermatology screening. It is also a great light for workspace and office illumination. The LED illumination comes from printed circuit LED technology, so no need to change bulbs or tubes.

The 8.4Watt LED illumination, equivalent to 65Watt halogen, delivers a broad spread of illumination. The swivelling head provides additional light adjustment and direction.

A soft light is emitted, powerfully diffused over a large surface. It is particularly recommended for dermatology assessments.

Specification

LED:	6.5W
Mountings:	Wall, Universal clamp and mobile trolley
Focussing:	At 30cm - 15 x 10cm illumination field At 50cm - 25 x 20cm illumination field At 100cm - 40 x 40cm illumination field
Illumination:	50% to 100%
Brightness:	At 30cm - 25,000 lux At 50cm - 8,000 lux At 100cm - 2,000 lux
Kelvins:	4500K
Lumens:	700
CRI:	83
On/Off:	Contactless switch
Cable Length:	3 metres
LED Life:	Over 50,000 hours life
Guarantee:	LED 10 years, Light 5 years
Dimensions:	Head - 104 x 229mm, Gooseneck 1000mm or 1230mm, Lamp Base - 69 x 69 x 115mm
Colour:	White



LED081000  
FLORA LED Examination Light



BRA00800R



EMU00444



ETPRM006



ETR0111

SU551/L  
Heavy Duty Mobile Base, 5 castors

BRA00800R  
Articulated Twin Arm, Wall Mounted

EMU00444  
Wall Mount Plate

ETPRM006  
Universal Mounting Bracket

ETR0111  
Simple desk/trolley clamp

### VERA LED Examination Light

This high quality, medical grade LED magnifying lamp is very popular in dermatology and wherever precise and detailed examinations are necessary. The articulated arm and swivel joint makes it easy to adjust and position. The magnifying lens provides 2.25x magnification and is surrounded by 4watt LED light providing equal illumination around the lens and at the examination site.

### Specification

LED:	4W
Magnification:	2.25x
Lens:	120mm diameter with flip up protective cover
Arm:	Articulated with 860mm reach
Mountings:	Wall, Universal clamp and mobile trolley
Focussing:	At 100cm - 20cm diameter illumination field
Illumination:	50% to 100%,
Brightness:	At 10cm - 2,500 lux
Kelvins:	6000K
Lumens:	300
CRI:	95
On/Off:	Contactless switch
Cable Length:	1.5 metres
LED Life:	Guaranteed for 10 years, over 50,000 hours life
Guarantee:	LED 10 years, Light 5 years
Dimensions:	Head - 60 x 95mm, Articulated Arm - 860mm/ diameter 12mm, Lamp Base - 69 x 69 x 60mm
Colour:	White



SU551/L  
Heavy Duty Mobile  
Trolley



EMU00912

**LED00912**

VERA LED Examination Light

### Mounting Options

**SU551/L**

Heavy Duty Mobile Base, 5 castors

**EMU00912**

Wall Mount Bracket

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



## Examination and Personal Lighting - Headlights

### OPTICLAR VISIONMAX VM3 LED Headlight

With a brilliant 3W LED the VM3S provides homogenous illumination and is ideal for most disciplines and especially suitable for domiciliary and paramedic applications.

- Quality illumination and exceptional brightness - circa 60,000 lux
- Exceptional colour temperature - circa 5,500 - 6,000k
- Homogenous light spot providing edge to edge consistent illumination and optimal spot size
- Up to 8 hours continuous use from full charge of battery
- 2 hour quick recharge time
- Orange filter included for dentistry or light sensitive patients

- Compact dimensions reduce belt weight and increase comfort
- Adjustable rheostat promotes easy adjustment of illumination
- Available in flexible options:
  - On sports frame with clip in prescription lenses
  - Universal fitting for use on all spectacles
  - Sports headband (see following page)
  - Professional headband (see following page)



Recharge Time	Working Duration
 2 Hours	 8 Hours

### OPTICLAR VISIONMAX Spectacle Headlight with Dedicated Spectacle Fitting

- Clip in prescription lens frame
- Supplied with attractive carry case
- Lightweight sports-style frame

**500.020.000**

OPTICLAR VISIONMAX 3 Spectacle Headlight

**500.020.000/1**

Dedicated Spectacle Mount with Light Mounting

### OPTICLAR VISIONMAX Spectacle Headlight Universal Fitting

- Universal fitting for use on all spectacles
- Supplied with attractive carry case

**500.020.002**

OPTICLAR VISIONMAX 3 Spectacle Headlight with Universal Fitting

**500.020.002/1**

Universal Clip only with Light Mounting

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

### Opticlar VisionMax Mini LED Headlight

The VisionMax Mini LED Headlight has been designed to provide the brightest, sharpest illumination field from the lightest and most compact light source. With a head-mounted light, it is ideal when the user barely notices the light is there and appreciates the benefits of a perfectly lit examination / operating field without the distraction and discomfort of a visible, heavier light. That is certainly true with the VM Mini headlight.

Illumination is provided by the 3watt TrueTone™ LED, with even illumination throughout the field of view and edge-to-edge clarity with no visible aberration or distortion. TrueTone™ LED provides the brightest light, whilst retaining the natural characteristics of the image.

- VM Mini - micro in size and micro in weight
- Articulated mounting and adjustable light position
- Available with a choice of Lightweight sports style or Professional headband providing extra cranial support
- Powered by Lithium-Ion rechargeable battery pack, in a choice of:
  - Wireless, with headband mounted battery pack (Pro headband only)
  - Waist-worn with belt clip
- TrueTone™ LED illumination, with 10 year warranty (typical life >20,000 hours)



#### 500.010.012

VisionMax Mini LED Headlight, Pro Wireless

#### 500.010.010MINI

VisionMax Mini LED Headlight, Pro Headband with Waist Power Pack

#### 500.010.020MINI

VisionMax Mini LED Headlight, Lightweight Sports Headband with Waist Power Pack

### OPTICLAR VISIONMAX 3 Headlight (details as previous page) on Professional Headband

- Professional overhead headband with central point adjustment
- Storage carry case



#### 500.010.010

OPTICLAR VISIONMAX 3 headlight on Professional Headband with storage/carry case

#### 500.010.010/1

Professional Headband only with light fitting

#### 500.010.020

OPTICLAR VISIONMAX 3 headlight on Sports Headband with storage/carry case

#### 500.010.020/1

Lightweight Sports Headband only with Light Mounting

Can be supplied with **Opticlar Pro-Line 402 series loupes** for added versatility

#### 500.010.010 340

OPTICLAR VISIONMAX 3 headlight with 340mm 2.5 x Loupes

#### 500.010.010 420

OPTICLAR VISIONMAX 3 headlight with 420mm 2.5 x Loupes

#### 500.010.010 460

OPTICLAR VISIONMAX 3 headlight with 460mm 2.5 x Loupes

#### 500.010.010 500

OPTICLAR VISIONMAX 3 headlight with 500mm 2.5 x Loupes

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## OPTICLAR VISIONMAX 5

### Professional Headband Mounted LED Light 5W LED Focussing Light with Lithium Ion cell and charger

- Variable focus enabling accurate adjustment of image
- Quality illumination and exceptional brightness - circa 60,000 lux
- Exceptional colour temperature - circa 5,500 - 6,000k
- Compact dimensions reduce belt weight and increases comfort
- Adjustable rheostat promotes easy adjustment of illumination

**The VM5 Headlight is available with 2 different types of power supply:**

#### Waist worn Lithium-Ion rechargeable battery pack

- Compact dimensions with reduced belt-weight and improved comfort
- Waist pack On/Off button
- Fast charge time; 2 hours. Working duration; 8 hours

#### Headworn wireless Lithium-Ion rechargeable battery pack

- Lightweight and well balanced between battery and optics
- Comfortable to wear and no trailing wires
- Can be mounted at the top (cranial) or rear (nape) of the headband
- Charge time; 3 hours. Working duration; 5 hours
- Overhead headband with centre point adjustment
- Supplied with attractive carry case



#### 500.020.010

OPTICLAR VISIONMAX 5 headlight Package

#### 500.020.013

Opticlar VisionMax 5 Headlight, with Pro Wireless Headband, 2 x Lithium-Ion Batteries and Wall/Desk Mounted Charger

#### 500.020.014

Opticlar VisionMax 5 Headlight, with Pro Wireless Headband, 1 x Lithium-Ion Battery and Wall/Desk Mounted Charge

#### 500.020.010 340

OPTICLAR VISIONMAX 5 headlight with 340mm 2.5 x Loupes

#### 500.020.010 420

OPTICLAR VISIONMAX 5 headlight with 420mm 2.5 x Loupes

#### 500.020.010 460

OPTICLAR VISIONMAX 5 headlight with 460mm 2.5 x Loupes

#### 500.020.010 500

OPTICLAR VISIONMAX 5 headlight with 500mm 2.5 x Loupes

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



# OPTICLAR VISIONAIR

## OPTICLAR VISIONAIR Laryngoscope Systems

Combining modern fibre optic technology and Opticlar Multivoltage LEDs the Opticlar VisionAir range of blades and handles provides the anaesthetist with the very best combination of light and blade design.

The Opticlar VA Mono system incorporates the popular and easy maintenance integral fibre optic bundle into a one piece design. With the fibre optic bundle protected and sealed in position with advanced resins we are able to offer a reassuring 6 year blade warranty against faulty workmanship or materials.

All of our VA Mono blades are to recognised patterns and comply with ISO 7376 Green Standard and are therefore compatible not only with the Opticlar range of handles but also with other manufacturers handles that are Green Standard compliant.

### Features of Mono blades

- Free from crevices and other hard to clean areas and with no parts to disassemble cleaning and maintenance is quick and easy
- Resistant to autoclaving at normal cycles so allowing them to follow normal decontamination and sterilisation protocols
- With a 4.5mm overall diameter bundle and over 6500 fibres the blades transmit light to the important blade end in a concentrated, well focussed beam
- Minimise cross infection worries as popular styles and sizes are available in a very cost effective single use format



### The Opticlar handle range is comprehensive and innovative. The Hygena system:

- Combines Opticlar MV LED technology with the latest handle design
- Provides bright white LED light
- Simplifies cleaning and avoids potential infection retained in knurling or cross hatching of the handle body without losing the necessary grip and feel
- Hygena's green credentials stretch further with an impressive continual use time of over 100 hours from just 2 C cells and illumination levels that far exceed Xenon powered systems
- Comprehensive range includes, Stubby, AA, C, C Angled and rechargeable handles and modular handle outer shells



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



Macintosh Flexi-Blade  
for difficult intubations



600.015.002M	Size 2 100 x 17mm
600.015.003M	Size 3 130 x 18mm
600.015.004M	Size 4 160 x 18mm
600.015.005M	Size 5 176 x 18mm

Macintosh Blades



600.010.000M	Size 0 82 x 9mm
600.010.001M	Size 1 93 x 11mm
600.010.002M	Size 2 115 x 15mm
600.010.003M	Size 3 135 x 15mm
600.010.004M	Size 4 155 x 15mm
600.010.005M	Size 5 176 x 15mm

Miller Blades



600.020.0000M	Size 00 76 x 9.5mm
600.020.000M	Size 0 80 x 10.5mm
600.020.001M	Size 1 100 x 11.5mm
600.020.002M	Size 2 152 x 13mm
600.020.003M	Size 3 192 x 13mm
600.020.004M	Size 4 207 x 16mm

NeoNate Blades



600.050.000M	Size 0 82 x 12mm
600.050.001M	Size 1 95 x 13mm

Saling New Born and SCBU Blades

Specifically designed for new borns and SCBU the Saling blades due to their very small size feature a miniturised bulb in blade that is only compatible with the Saling handle.

Powered by 2 x AA batteries



600.140.000	Set - Micro, Narrow, Broad, AA handle
600.140.001	Micro
600.140.002	Narrow
600.140.003	Broad
600.140.010	AA handle with bulb

Wisconsin Blades

600.030.000M	Size 0 76 x 9.5mm
600.030.001M	Size 1 102 x 11mm
600.030.002M	Size 2 130 x 16mm
600.030.003M	Size 3 160 x 16mm

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



High performance LED providing bright white light. LED life in excess of 20,000 hours. LED capsule is easy to remove without the need for tools and whole handle is autoclaveable at normal cycle times and temperatures. The Hygena handle design provides excellent comfortable grip yet is much easier to clean than the traditional knurled finish. The traditional knurled finish is available for those units who wish to retain this type of handle.

### Opticlar VA C cell handle (1)

**600.080.002**

Opticlar VA LED C cell handle with Hygena grip

**600.080.002K**

Opticlar VA LED C cell handle with knurled grip

### Opticlar VA AA slimline handle (2)

Ideal for use with smaller blade sizes or for those anaesthetists with smaller hands.

**600.080.000**

Opticlar VA LED AA cell handle with Hygena grip

**600.080.000K**

Opticlar VA LED AA cell handle with knurled grip

### Opticlar VA Stubby AA handle (3)

Ideal for use in confined situations where patient anatomy restricts the use of a full size handle.

**600.080.003**

Opticlar VA LED Stubby AA handle with Hygena grip

### Opticlar VA C cell Polio handle (4)

Cost effective solution to purchasing Polio blades, acute angled connector enables all blades to be used with restrictive anatomy patients.

**600.080.004**

Opticlar VA LED C cell Polio handle with Hygena grip

### Opticlar VA Rechargeable handle. Compatible with Opticlar and Heine chargers (5)

**600.090.010**

Opticlar Rechargeable handle with LED illumination. Hygena grip

**600.090.010H**

Opticlar Rechargeable handle with LED illumination. Knurled grip

### Opticlar Chargers. Single port and twin port systems (6 & 7)

**100.000.123/1**

Opticlar twin port desk recharger with power lead and plug (7)

**100.000.123/2**

Opticlar single port desk recharger with power lead and plug (6)

### Rechargeable Cells

**HRC382**

Rechargeable cell for Opticlar and Heine handles

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

# OPTICLAR

## Introducing a new standard in LED Veterinary Diagnostic Equipment

Opticlar have developed a unique range of diagnostic equipment designed to aid and simplify the examination of exotics, companion animals and larger species.

The OPTICLAR LED DIAGNOSTIC RANGE takes Veterinary Diagnostic Instruments to a new level. We spoke to veterinary practices at length to understand exactly what they wanted – and the VISION-Vet range has been designed and manufactured with all the features and benefits that Vets have long been demanding, providing superb diagnostics and competitive pricing throughout.

- Powered by TrueTone™ LED modules for superb quality and long life illumination
- First class optics guarantee excellent visualisation
- High quality construction for long life and durability
- Wide choice of power supplies from AA to C cell; from Lithium USB to Desk to Lithium E; from mains wall to C wall
- Top quality materials such as TrueTone™ LED, Lithium Ion cells
- Innovative modern features include Auto On/Off function and compatibility with other traditional manufacturers
- Lowest cost of ownership; virtually maintenance free with no replacement bulb costs, quick charge times and long working durations
- MultiVoltage instruments – switch from C cell power to rechargeable to wall units without the need to change bulbs
- No replacement bulbs required! A 10 year LED module guarantees NO replacement bulb costs
- Compatibility with existing makes protects your investment in previous equipment and is ideal for mixed equipment practices

**VISION**  
LED **VET**



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.  
**Please see last pages for a detailed A-Z index**

### Standard Veterinary Diagnostic Set with 2 x ADAPT lithium handles and twin port charger



- Our most popular and widely used veterinary diagnostic set
- Supplied with 2 x ADAPT lithium ion rechargeable handles and twin pod desk charger

Contents:

- LED Veterinary Slit Oscope with 3x swivelling magnification
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures
- 3 x metal tips; 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- 2 x ADAPT Lithium ion handles and desk charger with unique Auto On/Auto Off facility that automatically switches handle off when located in charger and switches on when removed
- Storage case

**700.020.023**

Standard Veterinary Diagnostic Set with 2 x ADAPT lithium handles and twin port charger

### Standard Veterinary Diagnostic Set with 1 x ADAPT lithium handle and single port charger

- LED Veterinary Slit Oscope
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures
- 3 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- Single port desk charger with 1x Lithium Ion rechargeable handle
- Storage case



**700.020.022**

Standard Veterinary Diagnostic Set with 1 x ADAPT lithium handle and single port charger

### Standard Veterinary Diagnostic Set with 1 x ADAPT lithium USB handle

- LED Veterinary Slit Oscope
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures
- 3 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- USB rechargeable Lithium Ion handle and cable
- Storage case

**700.020.021**

Standard Veterinary Diagnostic Set with 1 x ADAPT lithium USB handle



### Standard Veterinary Diagnostic Set with ADAPT C cell handle

- LED Veterinary Slit Oscope
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures.
- 3 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- C Cell battery handle.
- Storage case



**700.020.020**

Standard Veterinary Diagnostic Set with ADAPT C cell handle



## Veterinary Diagnostic Sets - LED Diagnostic Sets

### Standard Veterinary Diagnostic Set with 2 x E lithium handles and twin port charger

- LED Veterinary Slit Otoscope
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures
- 3 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- 2 x E lithium modular handles
- Twin port desk charger
- Storage case



**700.025.023**

Standard Veterinary Diagnostic Set with 2 x E lithium handles and twin port charger

**VISION** LED **VET**



### Standard Veterinary Diagnostic Set with 1 x E lithium handle and single port charger

- LED Veterinary Slit Otoscope
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures
- 3 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- 1 x E lithium modular handle
- Single port desk charger
- Storage case

**700.025.022**

Standard Veterinary Diagnostic Set with 1 x E lithium handle and single port charger

## Standard Veterinary Diagnostic Set - Wall Mounted - Mains and C Cell

**Battery Duration**  
100+ Hrs  
Per set



- LED Veterinary Slit Otoscope
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures
- 3 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- Mains and C cell powered wall unit with twin spiral cord handles

**700.041.010**

Standard Veterinary Diagnostic Set  
- Wall Mounted - Mains and C cell

10 YEAR  
LED  
Warranty

5 YEAR  
MANUFACTURER WARRANTY

LED TRUETONE



*Stainless Steel Tip Tidy*

- LED Veterinary Slit Otoscope with Stainless Steel Tip Tidy
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures
- 3 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- Mains and C cell powered wall unit with twin spiral cord handles

**700.041.015**

Standard Veterinary Diagnostic Set  
- Wall Mounted - Mains and C cell  
with Stainless Steel Tip Tidy

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Veterinary Diagnostic Sets - LED V-Scope Diagnostic Sets

**VISION**  
LED **VET**

### VarioScope Veterinary Diagnostic Set with 2 x ADAPT lithium handles and twin port charger

The ideal veterinary diagnostic set for those practitioners who require higher magnification and variable focal length available with various power handle combination. Irrespective of handle each set contains the following items;

- LED VarioScope Veterinary Otoscope with 4.2x swivelling magnification and adjustable focal length
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures
- 3 x plastic tips; 1 each of 61.0 x 4.0mm, 61.0 x 6.0mm, 61.0 x 9.0mm
- 2x Adapt Lithium Ion handles and desk charger with unique Auto On/Auto Off facility that automatically switches handle off when located in charger and switches on when removed



### VarioScope Veterinary Diagnostic Set with 1 x ADAPT lithium handle and single port charger

- LED VarioScope Veterinary Otoscope
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures.
- 3 x plastic tips: 1 each of 61.0 x 4.0mm, 61.0 x 6.0mm, 61.0 x 9.0mm
- 1 x Adapt Lithium rechargeable handle
- Single pod charger



### VarioScope Veterinary Diagnostic Set with 1 x ADAPT lithium USB handle

- LED VarioScope Veterinary Otoscope
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures
- 3 x plastic tips: 1 each of 61.0 x 4.0mm, 61.0 x 6.0mm, 61.0 x 9.0mm
- Lithium USB rechargeable handle



### VarioScope Veterinary Diagnostic Set with 1 x ADAPT C Cell handle

- LED VarioScope Veterinary Otoscope
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures.
- 3 x plastic tips: 1 each of 61.0 x 4.0mm, 61.0 x 6.0mm, 61.0 x 9.0mm
- 1 x C Cell battery handle



**700.020.142**

VarioScope Veterinary Diagnostic Set with 1 x ADAPT lithium handle and single port charger

**700.020.141**

VarioScope Veterinary Diagnostic Set with 1 x ADAPT lithium USB handle

**700.020.140**

VarioScope Veterinary Diagnostic Set with 1 x ADAPT C Cell handle

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Veterinary Diagnostic Sets - LED V-Scope Diagnostic Sets



### VarioScope Veterinary Diagnostic Set with 2 x E-Lithium handle and twin port charger

- LED Varioscope Veterinary Otoscope
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures
- 3 x plastic tips: 1 each of 61.0 x 4.0mm, 61.0 x 6.0mm, 61.0 x 9.0mm
- 2 x E-Lithium rechargeable handle
- Twin port charger



**700.025.143**

VarioScope Veterinary Diagnostic Set with 2 x E-Lithium handles and twin port charger



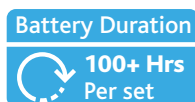
### VarioScope Veterinary Diagnostic Set with 1 x E-Lithium handle and single port charger

- LED Varioscope Veterinary Otoscope
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures
- 3 x plastic tips: 1 each of 61.0 x 4.0mm, 61.0 x 6.0mm, 61.0 x 9.0mm
- 1 x E-Lithium rechargeable handle
- Single port charger

**700.025.142**

VarioScope Veterinary Diagnostic Set with 1 x E-Lithium handle and single port charger

## VarioScope Veterinary Diagnostic Set - Wall Mounted - Mains and C Cell



- LED Varioscope Veterinary Otoscope
- LED L28 veterinary ophthalmoscope with cobalt blue filter, light sensitive filter and 5 apertures
- 3 x plastic tips: 1 each of 61.0 x 4.0mm, 61.0 x 6.0mm, 61.0 x 9.0mm
- Wall mounted power unit for C cell and/or mains power
- 2 x 3 metre spiral cord handles with auto on and auto off

**700.041.145**

VarioScope Veterinary Diagnostic Set - Wall Mounted - Mains and C cell

### LED Varioscope Veterinary Otoscope with Stainless Steel Tip Tidy

- Set as shown but supplied with stainless steel Tip Tidy



*Stainless Steel Tip Tidy*

**700.041.140**

VarioScope Veterinary Diagnostic Set - Wall Mounted - Mains and C cell with Stainless Steel Tip Tidy

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Veterinary Diagnostic Sets - LED Pocket Diagnostic Sets

### MINI-Vet Diagnostic Set with 2 x Lithium handle and twin port charger

This MINI-Vet diagnostic set can be powered either by Lithium Ion cells or by AA battery handles. Either combination provides excellent illumination. These MINI-Vet sets are excellent for examining felines and other small animals. Irrespective of handle. Each set contains the following items:

#### Standard Items

- LED MINI-Vet ophthalmoscope with cobalt blue filter and 4 further apertures
- LED MINI-Vet Slit Otoscope with 3x swivelling magnification
- 2 x metal tips; 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm
- 1 x plastic tip; 90.0 x 7.0mm
- Storage case
- Choice of power handles; Lithium Ion desk charging, or AA battery handles
- Set shown includes 2 x Lithium Ion handles and desk charger



**700.014.010**

MINI-Vet Diagnostic Set with 2 x Lithium Ion handle and twin port charger

### MINI-Vet Diagnostic Set with 2 x AA battery handles

- LED MINI-Vet Otoscope with bayonet tip fitting
- LED MINI-Vet ophthalmoscope with cobalt blue filter and 4 further apertures
- 2 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm,
- 1 x Plastic tip: 90.0 x 7.0mm
- 2 x AA battery handles
- Storage case



**700.010.010**

MINI-Vet Diagnostic Set with 2 x AA battery handles

### MINI-Vet Diagnostic Set - Wall mounted - Mains and C cell

- LED MINI Vet Otoscope with bayonet tip fitting
- LED MINI-Vet ophthalmoscope with cobalt blue filter and 4 further apertures
- 3 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- 1 x Wall unit with coiled cord handles
- Mains and C cell power



**700.043.010**

MINI-Vet Diagnostic Set - Wall mounted - Mains and C cell

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



## Veterinary Diagnostic Sets - LED Otoscope Sets

### Veterinary Slit Otoscope Set

#### 1 x ADAPT lithium handle and single port charger

Our most popular and widely used veterinary otoscope set available with various power handle combination. Irrespective of handle each set contains the following items:

##### Standard Items

- LED Slit Veterinary Otoscope with 3.0x swivelling magnification
- 3 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- Storage case

##### Optional Items

- Wide range of alternative tips available
- Choice of power handles; Lithium Ion desk charging, Lithium Ion USB, E-Lithium, C Cell Battery and Wall Unit
- Set shown includes 1 x Lithium Ion handle and desk charger with unique Auto On/Auto Off facility that automatically switches handle off when located in charger and switches on when removed



704.020.022

Veterinary Slit Otoscope Set

1 x ADAPT lithium handle and single port charger

Recharge Time

2 Hours

Working Duration

20 Hours

### Veterinary Slit Otoscope Set

#### 1 x ADAPT USB lithium handle

- LED Slit Veterinary Otoscope with 3.0x swivelling magnification
- 3 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- Lithium USB handle
- USB Cable
- Storage case



704.020.021

Veterinary Slit Otoscope Set 1 x ADAPT USB lithium handle

### Veterinary Slit Otoscope Set

#### 1 x ADAPT C Cell Battery handle

- LED Slit Veterinary Otoscope with 3.0x swivelling magnification
- 3 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- C Cell Battery Handle
- Storage case



704.020.020

Veterinary Slit Otoscope Set 1 x ADAPT C Cell Battery handle

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Veterinary Diagnostic Sets - LED Otoscope Sets

### Veterinary Slit Otoscope Set

#### 1 x E Lithium handle and single port charger

- LED Slit Veterinary Otoscope with
- 3.0x swivelling magnification
- 3 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- 1 x E-lithium handle
- Single port charger
- Storage case

Recharge Time  
**2 Hours**

Working Duration  
**10 Hours**



**704.025.022**

Veterinary Slit Otoscope Set

1 x E Lithium handle and single port charger

### Veterinary Slit Otoscope Set - Wall Mounted - Mains and C Cell

- LED Slit Veterinary Otoscope with 3.0x swivelling magnification
- 3 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm, 90.0 x 7.0mm
- Wall mounted power unit with single coiled handle

**704.045.001**

Veterinary Slit Otoscope Set - Wall Mounted - Mains and C Cell

### Veterinary Slit Otoscope Set - Wall Mounted with Tip Tidy - Mains and C cell with Tip Tidy



**704.045.002**

Veterinary Slit Otoscope Set - Wall Mounted with Tip Tidy - Mains and C cell with Tip Tidy

**VISION<sup>LED</sup>VET**

### Veterinary Slit Otoscope Head with Twist Lock or Screw Thread Fitting

Available with either Screw thread fitment for Mini-Vet handles or Twist lock fitting for standard size handles



- Veterinary slit otoscope head with screw thread fitment
- Fits Opticlar Mini handles and Heine Mini handles
- Bayonet tip fitting

**700.000.040SCR**

Veterinary Slit Otoscope Head with Screw Thread Fitting

- Veterinary slit otoscope head with twist lock fitment
- Fits Opticlar and Welch Allyn handles as standard

**700.000.040**

Veterinary Slit Otoscope Head with Twist Lock Fitting



Battery Duration

**100+ Hrs**  
Per set



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Veterinary Diagnostic Sets - LED V-Scope Otoscope

**VISION<sup>LED</sup>VET**

### VarioScope Veterinary Otoscope Set

#### 1 x ADAPT Lithium handle and single port charger

The ideal veterinary otoscope set for those practitioners who require higher magnification and variable focal length available with various power handle combination. Irrespective of handle each set contains the following items:

##### Standard Items

- LED VarioScope Veterinary Otoscope with 4.2x swivelling magnification and adjustable focal length
- 3 x plastic tips: 1 each of 61.0 x 4.0mm, 61.0 x 6.0mm, 61.0 x 9.0mm
- Choice of power handles: Lithium Ion desk charging, Lithium Ion USB, C cell battery and Wall unit

##### Set includes:

- 1 x Adapt Lithium Ion handle and desk charger with unique Auto On/Auto Off facility that automatically switches handle off when located in charger and switches on when removed



**704.020.042**

VarioScope Veterinary Otoscope Set  
1 x ADAPT lithium handle and single port charger



### VarioScope Veterinary Otoscope Set

#### 1 x ADAPT USB Lithium handle

- LED VarioScope Veterinary Otoscope
- 4.2x swivelling magnification
- Adjustable focal length 3 x plastic tips: 1 each of 61.0 x 4.0mm, 61.0 x 6.0mm, 61.0 x 9.0mm
- USB Lithium handle USB Cable



**704.020.041**

VarioScope Veterinary Otoscope Set  
1 x ADAPT USB Lithium handle

### VarioScope Veterinary Otoscope Set

#### 1 x ADAPT C Cell Battery Handle

- LED VarioScope Veterinary Otoscope
- 4.2x swivelling magnification
- Adjustable focal length 3 x plastic tips: 1 each of 61.0 x 4.0mm, 61.0 x 6.0mm, 61.0 x 9.0mm
- C Cell Battery handle



**704.020.040**

VarioScope Veterinary Otoscope Set  
1 x ADAPT C Cell Battery Handle

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Veterinary Diagnostic Sets - LED V-Scope Otoscope Sets

**VISION<sup>LED</sup>VET**

### VarioScope Veterinary Otoscope Set 1 x E lithium handle and single port Charger

- LED VarioScope Veterinary Otoscope
- 4.2x swivelling magnification
- Adjustable focal length 3 x plastic tips: 1 each of 61.0 x 4.0mm, 61.0 x 6.0mm, 61.0 x 9.0mm
- E-lithium rechargeable handle
- Single port Charger



**704.025.042**

VarioScope Veterinary Otoscope  
Set 1 x E lithium handle and single port Charger

### VarioScope Veterinary Otoscope Set Wall Mounted - Mains and C Cell

- LED VarioScope Veterinary Otoscope
- 4.2x swivelling magnification
- Adjustable focal length 3 x plastic tips: 1 each of 61.0 x 4.0mm, 61.0 x 6.0mm, 61.0 x 9.0mm
- C Cell and Mains Wall Mounted power unit

#### Battery Duration

**100+ Hrs**  
Per set

**704.045.040**

VarioScope Veterinary Otoscope Set  
Wall Mounted - Mains and C cell

### Veterinary VarioScope Otoscope Set (as above) Wall Mounted with Tip Tidy - Mains and C cell

**704.045.045**

Veterinary VarioScope Otoscope Set  
Wall Mounted with Tip Tidy - Mains and C cell



### Veterinary VarioScope Otoscope Head with Twist Lock Fitting

- Fits Opticlar and Welch Allyn handles as standard
- Will fit Keeler and Heine handles by using a small adaptor

**700.000.041**

VarioScope Veterinary Otoscope Head with  
Twist Lock Fitting



Stainless Steel Tip Tidy

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



### MINI-Vet Oscope Set 1 x Lithium Ion handle and single port charger

This MINI-Vet Slit otoscope set is ideal for those practitioners who would like a smaller, more compact, otoscope when examining felines and other smaller animals. Various power handle combinations including Lithium Ion rechargeable and AA battery handle. Irrespective of handle each set contains the following items unless otherwise specified

#### Standard Items

- LED MINI-Vet Slit Oscope head with choice of metal or plastic tips in varying lengths and diameters
- Choice of power handles; Lithium Ion desk charging, or AA battery handle

#### Set above includes

- 1 x Lithium Ion handle and desk charger
- 2 x metal specula: 1 x 57.0 x 4.0mm, 1 x 65.0 x 6.0mm, 1 x plastic speculum
- LED MINI-Vet otoscope head



700.014.022

MINI-Vet Slit Oscope Set 1 x Lithium Ion handle and single port charger



### MINI-Vet Slit Oscope Set 1 x AA plastic battery handle

- LED MINI-Vet Oscope with bayonet tip fitting
- 2 x metal tips: 1 each of 57.0 x 4.0mm, 65.0 x 6.0mm
- 1 x Plastic tip, 90.0 x 7.0mm
- 1 x AA battery handle
- Storage case



700.010.022

MINI-Vet Slit Oscope Set 1 x AA plastic battery handle



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

### MINI-Vet Feline Slit Oscope Set 1 x Lithium Ion handle and single port charger

- This MINI-Vet Slit otoscope is ideal for examining felines and other small animals
- Handle options including Lithium Ion rechargeable
- Range of Tip sizes available in Metal or Plastic

#### Standard Items

- LED Mini Slit Oscope head with 3x metal tips in varying lengths and diameters
- Power Supply: Lithium Ion single port desk charger
- Set includes 1 each of metal tips:
  - 1 **700.000.000-3S** 32 x 3mm Feline Tip
  - 2 **700.000.000-4S** 32 x 3mm Feline Tip
  - 3 **700.000.000-5S** 32 x 3mm Feline Tip



Set shown includes 1 x Lithium Ion handle and desk charger

**700.014.022F**

MINI-Vet Feline Slit Oscope Set

#### Plastic Tips also available in Packs of 10

<b>KS2.5V</b>	2.5mm diameter	Pack of 10
<b>KS3.5V</b>	3.5mm diameter	Pack of 10
<b>KS4.5V</b>	4.5mm diameter	Pack of 10
<b>KS5.5V</b>	5.5mm diameter	Pack of 10
<b>700.000.040/4</b>	Adaptor plate for Opticlar and Heine Slit Oscope Heads	

### Finoff transilluminator

- Fits any Opticlar or WA handle with twist lock connection
- Fits to Keeler and Heine handles by using an adaptor
- Ideal for transillumination and for use with an Indirect Ophthalmoscopy lens
- Shown mounted on an E lithium rechargeable handle (not supplied)



**100.000.013**

Finoff transilluminator

### Opticlar Spreadable speculum

- Ideal for various examinations including nasal, anal and vaginal
- This item fits any Opticlar or WA handle with twist lock connection
- Fits Keeler and Heine handles by using an adaptor
- Shown mounted on an E lithium rechargeable handle (not supplied)



**100.000.015**

Opticlar Spreadable speculum

### Opticlar Indirect Ophthalmoscopy lens

- Opticlar Indirect Ophthalmoscopy lens available in a choice of popular dioptries
- All glass with plastic rim
- These provide excellent images and are cost-effective
- Available with optional Finoff transilluminator as ophthalmic examination kit

Handle not included



#### Lens Only

**100.000.320**

20d lens in soft pouch

**100.000.328**

28d lens in soft pouch

**100.000.360**

60d lens in soft pouch

**100.000.378**

78d lens in soft pouch

**100.000.390**

90d lens in soft pouch

#### With Transilluminator

**100.000.320FT**

20d lens with Transilluminator

**100.000.328FT**

28d lens with Transilluminator

**100.000.360FT**

60d lens with Transilluminator

**100.000.378FT**

78d lens with Transilluminator

**100.000.390FT**

90d lens with Transilluminator

(Handle Not Included)

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Veterinary Diagnostic Sets - Veterinary Tips

### Metal Specula

Standard Specula - Supplied as standard in the Veterinary slit otoscope set and available individually. The bayonet fitting is compatible with Opticlar and Heine Slit Oscope heads.

Fully autoclaveable



#### 700.000.001

Small, 57.0 x 4.0mm

#### 700.000.002

Medium, 65.0 x 6.0mm

#### 700.000.003

Large, 90.0 x 7.0mm

### Standard Specula - MATT BLACK

Standard Specula - MATT BLACK - Supplied as optional in the Veterinary slit otoscope set and available individually. The bayonet fitting is compatible with Opticlar and Heine Slit Oscope heads.

The Matt Black finish completely eliminates glare.

Fully autoclaveable



#### 700.000.001MB

Small, 57.0 x 4.0mm

#### 700.000.002MB

Medium, 65.0 x 6.0mm

#### 700.000.003MB

Large, 90.0 x 7.0mm



### Feline and Small Animal Specula

Feline and Small Animal Specula - These reduced length and diameter tips are ideal for use with feline and other small animals. These have a smooth exterior finish and a matt internal finish that reduces glare and maximises the amount of light thrown from the tip end.

Fully autoclaveable.

#### 700.000.000-3S

32.0 x 3.0mm feline tip

#### 700.000.000-4S

32.0 X 4.0mm feline tip

#### 700.000.000-5S

32.0 x 5.0mm feline tip

### Stenotic Ear Canal Specula

In chronic ear infections it is not uncommon for the ear to appear crusty or thickened and the ear canals often become narrowed (stenotic) due to chronic inflammation.

This ear tip has been designed to use when examining stenotic ear canals. Its length and smaller diameter make it significantly easier when introducing into a stenotic ear canal.

Fully autoclaveable.



#### 700.000.000-5L

Stenotic ear tip 70.0 x 5.0mm

### Rabbit Intubation and Seed Removal Tips

These specula have been introduced to assist intubation of rabbits when using a veterinary otoscope. Available in either 60mm or 80mm lengths for rabbits of less than 2kg and above 2kg. The open gutter design is very useful for seed and other foreign body removal and Hartmann Crocodile forceps pass easily down the tip. Fully autoclaveable.



#### 700.000.001RG

Rabbit/Seed removal speculum.  
60.0 x 9.0mm

#### 700.000.002RG

Rabbit/Seed removal speculum.  
80.0 x 9.0mm

### Female Catheterisation Speculum

Designed to aid catheterisation with an overall length of 95.0mm x 9.0mm diameter. The tip has a ventral cut out of approximately 25mm which allows the catheter to be introduced into the urethral orifice under magnification and illumination.

The speculum finish allows easy cleaning whilst the interior has a matt finish to minimise glare and to maximise the amount of light 'thrown' from the tip end. The tip provides excellent visualisation.

Suitable for both Opticlar and Heine Slit otoscope heads.

Fully autoclaveable.



#### 700.000.007-2

85.0 x 9.0mm catheterisation tip with cutout

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Veterinary Diagnostic Sets - Veterinary Tips

### Open Gutter Specula with Bull Nose

- Useful for seed removal, irrigation and catheter or drainage tube insertion
- Stainless construction that can be autoclaved repeatedly
- Bayonet fixing for Opticlar and Heine Veterinary slit otoscope heads
- 6.0mm and 7.0mm diameters
- Working lengths of 65.0mm and 90.0mm

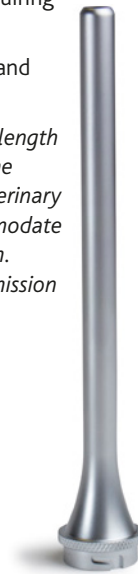


**700.000.004**  
150.0 x 10.0mm

### Long Closed Speculum

- Useful for anal, vaginal and other examinations requiring a long closed speculum
- 150mm overall length and 10.0mm diameter

*Please note that the focal length of the swivelling lens on the Opticlar and Heine slit veterinary otoscopes cannot accommodate for this length of speculum. This is used for light transmission only.*



**700.000.004**  
150.0 x 10.0mm

**VISION** LED **VET**

### Universal Spreadable Speculum



Very useful universal spreadable speculum for Opticlar and Heine veterinary slit otoscope heads.

- 28mm maximum opening with 4 click stops
- Simple trigger release mechanism
- Ideal for nasal, vaginal and rectal examinations
- Suitable for both Opticlar and Heine Slit otoscope heads

**700.000.020**  
Universal Spreadable Speculum

### Plastic Feline and Small Animal Tips

- Ideal for use with feline and other small animals
- The plastic material is 'warm' and reduces the possibility of cold shock
- Available in 4 diameters
- Overall working length is 30mm approx
- Can be used with either Opticlar or Heine slit veterinary heads



**KS2.5V**  
2.5mm diameter

**KS3.5V**  
3.5mm diameter

**KS4.5V**  
4.5mm diameter

**KS5.5V**  
5.5mm diameter

### Plastic Companion Animal Tips



- Ideal for use with the majority of companion animals
- The plastic material is 'warm' and reduces the possibility of cold shock
- Available in 3 diameters
- Overall working length is 60mm approx
- Can be used with either Opticlar or Heine slit veterinary heads. Excellent visualisation and light transmission with no glare

**700.000.021**  
4.0mm diameter

**700.000.022**  
6.0mm diameter

**700.000.023**  
9.0mm diameter

### Plastic Companion Animal Tips for Opticlar VarioScope and Heine Beta 200 F.O. Vet head

These plastic tips are suitable for use with the Opticlar Veterinary Vscope and the Heine Beta 200 Vet head

- The black plastic provides excellent light transmission free from any glare
- The tips are available in 4, 6 or 9mm diameters and all have a working distance of approx 61.0mm



**700.000.015**  
61 x 4.0mm diameter

**700.000.016**  
61 x 6.0mm diameter

**700.000.017**  
61 x 9.0mm diameter

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



## Veterinary Diagnostic Sets - Tips and Tip-Care

### Plastic Companion Animal Tips with Open Gutter and Bull Nose End

- Ideal for use with feline and other small animals
- The plastic material is 'warm' and reduces the possibility of cold shock
- Available in 4 diameters
- Overall working length is 30mm approx
- Can be used with either Opticlar or Heine slit veterinary heads



**700.000.024**

65 x 6.0mm

**700.000.025**

90 x 7.0mm

### Tip Cleaning Brush



**700.000.000/1**

Tip cleaning brush, nylon and stainless steel

### Stainless Steel Autoclaveable Tip Tidy

- Stainless steel tip tidy holds 6 specula and 2 handles
- Keeps tips neat and tidy allowing easy equipment inspections
- Tips are at hand ready to use and does away with the plastic box in a drawer
- Any residue falling from the tips after sterilisation or disinfection is caught on foot of the tidy and can be simply wiped away
- The tidy can be put into the autoclave with tips in situ
- May be desk or wall mounted

**700.000.030**

Stainless Steel Tip Tidy



### Stainless Steel Tip Cleaner

- This tip cleaner may be used to clean metal or plastic tips
- The two interlocking brushes clean tips internally and externally
- All parts are replaceable
- Simple and effective



**700.000.034**

Tip Cleaner

**700.000.034/1**

Set of internal brushes

**700.000.034/2**

Top cover

**700.000.034/3**

Bottom footplate

**700.000.034/4**

Metal Body

**VISION** LED **VET**

**At Opticlar we have developed a unique range of laryngoscopes and other ancillary intubation accessories designed to aid and simplify airway management in exotics, companion animals and larger species.**

### Miller Vet Blades

- Veterinary configuration with intubation channel on right side of blade
- Wide range of sizes from size 00 suitable for exotics to size 10 suitable for ruminants
- Fibre optic light transmission prevents heat build up at blade end
- Stainless construction, easy to clean and fully autoclavable
- Optional 3x magnification for enhanced visualisation using smaller blades
- Reliable and long lived with 10 year product warranty
- Compatible with ISO 7376 Green laryngoscope specification

### Miller Size 00, 0, 01 and Miller RABBIT Size 1



#### 600.020.0000VM

Miller Size 00, 42 x 9mm

#### 600.020.003VM

Miller Size 00, 55.0 x 10.0mm

#### 600.020.001VM

Miller Size 1, 77.0 x 10.0mm

#### 600.020.001VRM

Miller Rabbit Size 1, 77.0 x 6.0mm

### Miller Size 2, 3 and 4



#### 600.020.002VM

Miller Size 2, 132 x 13mm

#### 600.020.003VM

Miller Size 3, 132 x 13mm

#### 600.020.004VM

Miller Size 4, 132 x 13mm

### Miller Ruminant Size 10



#### 600.020.001VM

Miller Size 10, 295 x 16mm

### Miller Vet Blades with 3x Magnification

- Veterinary configuration with intubation channel on right side of blade
- Wide range of sizes from size 00 to size 01 including Rabbit derivative
- Fibre optic light transmission prevents heat build up at blade end
- Stainless construction, easy to clean and fully autoclavable
- 3x magnification for enhanced visualisation
- Reliable and long lived with 10 year product warranty
- Compatible with ISO 7376 Green laryngoscope specification



#### 600.020.0000VMag

Miller Size 00, 42 x 9mm

#### 600.020.000VMag

Miller Size 00, 55.0 x 10.0mm

#### 600.020.001VMag

Miller Size 1, 77.0 x 10.0mm

#### 600.020.001VRMag

Miller Rabbit Size 1, 77.0 x 6.0mm

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

### Macintosh Vet Blades for Brachycephalic Dogs

- Veterinary configuration with intubation channel on right side of blade
- Wide range of sizes from size 0 to size 05
- Fibre optic light transmission prevents heat build up at blade end
- Stainless construction, easy to clean and fully autoclavable
- Curved shape is helpful for intubation of Brachycephalic dogs
- Reliable and long lived with 10 year product warranty
- Compatible with ISO 7376 Green laryngoscope specification

#### Mac Sizes 0 – 5

<b>600.012.000M</b>
Mac Size 0, 82 x 9mm
<b>600.012.001M</b>
Mac Size 1, 93 x 11mm
<b>600.012.002M</b>
Mac Size 2, 115 x 13mm
<b>600.012.003M</b>
Mac Size 3, 135 x 15mm
<b>600.012.004M</b>
Mac Size 4, 155 x 15mm
<b>600.012.005M</b>
Mac Size 5, 176 x 15mm



### Flexi-Tip Vet Blades for Brachycephalic Dogs with airway obstructions

The Macintosh has a curved blade and is designed to slide into the vallecula (ie, the groove between the base of the tongue and the epiglottis) to move the epiglottis. Because of brachycephalic breeds' short muzzles, the Macintosh's blade can help better visualize the laryngeal folds that often are hidden behind the elongated soft palate.

The unique tilting tip can further help to manipulate the elongated soft palate.

- Specifically designed to help intubation of brachycephalic dogs with airway obstructions
- Wide range of sizes from size 2 to size 5
- Fibre optic light transmission prevents heat build up at blade end
- Stainless construction, easy to clean and fully autoclavable
- Curved shape with flexible tips helps move and hold airway obstructions out of the way for easier tube placement
- Reliable and long lived with 10 year product warranty
- Compatible with ISO 7376 Green laryngoscope specification



**Zero to 90°  
tip flexion**



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



**600.015.002M**

Mac Flexi-Tip Size 2, 100 x 17mm

**600.015.003M**

Mac Flexi-Tip Size 3, 130 x 18mm

**600.015.004M**

Mac Flexi-Tip Size 4, 160 x 18mm

**600.015.005M**

Mac Flexi-Tip Size 5, 176 x 18mm



## Veterinary Airway Management - Laryngoscope Handles

### LED Laryngoscope Handles

- Very powerful TrueTone™ LED provides excellent illumination
- TrueTone™ LED guaranteed for 10 years. Never need to buy a spare bulb
- Very reliable, handle is ready to use at all times. 10 year warranty
- Stainless construction, easy to clean and fully autoclavable (please remove batteries and LED module)
- Wide range of sizes and styles
- Choice of AA, C cell or rechargeable battery power
- Compatible with ISO 7376 Green laryngoscope specification

#### 1. AA LED Slimline Handle

600.080.000

LED Slimline laryngoscope handle, takes 2 x AA batteries

#### 2. Angled C cell Handle

600.080.004

Angled laryngoscope handle, takes 2 x C cell batteries

#### 3. C Cell LED Standard Handle

600.080.002

Standard LED laryngoscope handle, takes 2 x C cell batteries

#### 4. Lithium LED Rechargeable Handle

600.090.010

Lithium rechargeable handle for use with Opticlar charger

#### 5. Stubby AA LED Handle

600.080.003

AA Stubby LED laryngoscope handle, takes 2 x AA batteries



#### Opticlar Single Port Charger

100.000.123/22

Single port charger, standard size



If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

### Opticlar Uni-Fit LED Vet Laryngoscope Blades for veterinary intubation

As a result of many requests from veterinary practitioners, OPTICLAR is proud to introduce a new range of unique veterinary laryngoscopes that can be powered by any 3.5v diagnostic instrument handle from the major set manufacturers.

This gives practices the ability to have available high quality laryngoscope blades, with brilliant LED illumination, that fit their diagnostic set handles.

The laryngoscope blade range consists of veterinary configuration Miller style blades in the popular 00, 0, 1, 2, 3 and 4 sizes. The smaller 00, 0 and 1 sizes are available with an optional 3x swivelling loupe providing superb visualisation of the smallest airway structure.

- Reduced cost - no need to buy a dedicated handle
- Optional 3x magnification for increased view
- Compatible with rechargeable Opticlar and Welch Allyn handles as standard
- Cost-effective adaptors available for Heine and Keeler rechargeable handles
- High quality construction with 10 year blade warranty
- 10 year LED warranty



#### Miller Size 00

**760.020.0000LM**

Miller Size 00 with 3x magnification, 42 x 9mm

**760.020.0000L**

Miller Size 00, 42 x 9mm



#### Miller Size 0

**760.020.000LM**

Miller Size 0 with 3x magnification, 55 x 10mm

**760.020.000L**

Miller Size 0, 55 x 10mm



#### Miller Size 1

**760.020.001LM**

Miller Size 1 with 3x magnification, 77 x 10mm

**760.020.001L**

Miller Size 1, 77 x 10mm



#### Miller Size 2L

**760.020.002L**

Miller Size 2, 132 x 13mm

#### Miller Size 3L

**760.020.003L**

Miller Size 2, 167 x 13mm

#### Miller Size 4L

**760.020.004L**

Miller Size 2, 182 x 16mm



#### Adaptors for Heine and Keeler handles

**100.000.099**

Opticlar adaptor for Heine rechargeable handles

**100.000.097**

Opticlar adaptor for Keeler rechargeable handles



100.000.099



100.000.097

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**

## Veterinary Airway Management - Prep-Room Sets

### Prep Room Set 2 - with Vet Miller Straight Blade and LED Vet Slit Otoscope

Ideal set for small animal based practice. Can be used for ear irrigation, foreign body removal, inspection and diagnosis as well as intubation.

#### Prep Room Set 2 contents:

- Miller Sz.2 veterinary blade
- Lithium Ion rechargeable LED laryngoscope handle
- LED veterinary slit otoscope
- 4 x multipurpose tips  
2 x open tips for intubation and seed removal  
1 x long closed tip with cutout and  
1 x long closed tip
- Twin port charger

#### Prep Room Set 2 700.020.033

Prep Room Set 2 with contents as listed above



### Prep Room Set 2A - with Vet Macintosh Curved Blade and LED Vet Slit Otoscope

Ideal set for small animal based practice and can be used for ear irrigation, foreign body removal, inspection and diagnosis as well as intubation.

#### Prep Room Set 2 contents:

- Mac Sz2 curved veterinary blade
- Lithium Ion rechargeable LED laryngoscope handle
- LED veterinary slit otoscope
- 4 x multipurpose tips  
2 x open tips for intubation and seed removal  
1 x long closed tip with cutout and  
1 x long closed tip
- Twin port charger



#### PrepRoom Set 2A 700.020.043

Prep Room Set 2 with contents as listed above



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## Veterinary Diagnostic Sets - Prep-Room Sets

### Prep Room Set 1

This set is ideal for the small animal practice and is suitable for a range of procedures, including ear irrigation, inspection and diagnosis, as well as intubation.

Twin-handled Lithium-Ion rechargeable set, including Uni-Fit Miller Blade Size 1 and Veterinary Slit Otoscope Head. With twist-lock handles, the Lithium-Ion handles can also be used with a wide range of Opticlar instruments, for ophthalmic, ENT and other procedures.

Set Includes:

- Uni-Fit Miller Size 1 Laryngoscope Blade LED
- Slit Otoscope Head LED
- 2 x ADAPT Lithium-Ion Rechargeable Handles, with auto on/off function
- Twin port desk charger
- 3 x closed metal speculum; 57 x 4.0mm / 65 x 6.0mm / 90 x 7.0mm

A wide range of Uni-Fit Laryngoscope Blades are available, see page 104 for details.



The Opticlar VisionVet range includes the widest choice of ear speculae (pages 97 to 99) and other accessories. Please call for further assistance with your choice of Opticlar VisionVet equipment.

### PrepRoom Set 1

702.020.023

Prep Room Set 2 with contents as listed above

## Laryngoscope Sets

### Miller Small Animal Set 1



This set includes the most popular straight Miller blades and is ideal for the small companion animal practice that treats a mixture of species.

Set includes:

- Miller Size 00 Laryngoscope Blade
- Miller Size 2 Laryngoscope Blade
- Slimline LED Laryngoscope Handle, AA Battery
- Carry Case



### Combi Small Animal Set 2



This set includes the most popular straight Miller blades and Macintosh Blade for Brachycephalic animals.

Set includes:

- Miller Size 00 Laryngoscope Blade
- Miller Size 2 Laryngoscope Blade
- Macintosh Size 2 Laryngoscope Blade
- Slimline LED Laryngoscope Handle, AA Battery
- Carry Case



### Miller Small Animal Set 1

MILLERVETSET1

### Combi Small Animal Set 2

COMBIVETSET2

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

**Please see last pages for a detailed A-Z index**



### Mac Small Animal Set 1

This set includes the most popular curved Macintosh blades and is ideal for the small companion animal practice that treats Brachycephalic breeds.

Set includes:

- Macintosh Size 0 Laryngoscope Blade
- Macintosh Size 2 Laryngoscope Blade
- Slimline LED Laryngoscope Handle, AA Battery
- Carry Case



### Mac Small Animal Set 1 MACVETSET1

### Mac Difficult Intubation Set

This set includes curved Macintosh FlexiTip blades and is ideal for the small companion animal practice that treats Brachycephalic breeds. FlexiTip blades allow extra control at the distal tip of the blade, for more difficult intubation procedures.

Set includes:

- Macintosh FlexiTip Size 2 Laryngoscope Blade
- Macintosh FlexiTip Size 4 Laryngoscope Blade
- Slimline LED Laryngoscope Handle, AA Battery
- Carry Case



### Mac Difficult Intubation Set MACFLEXIVETSET1

If you are unable to find exactly what you are looking for in this catalogue, please call us with details of your requirements.

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## Notes



Opticlar instruments are available throughout the UK and Europe through Albert Waeschle Ltd and their authorised distributors.

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