Optical precision and high quality illumination ensures you the best possible diagnosis.

**Product apertures, graticules and filters**

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

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Email: info@essilorinstrumentusa.com
www.essilorinstrumentusa.com

**Charactersitics**

<table>
<thead>
<tr>
<th>Lens range</th>
<th>OPH 500</th>
<th>OPH 700</th>
<th>RET 500</th>
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<tbody>
<tr>
<td>+29D to -30D</td>
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**Range of apertures**

- Wide angle
- Intermediate
- Macular
- Slit
- Glaucoma
- Fixation Cross
- Red Free and Fixation Cross

**Range of filters**

- **Wide angle**: 2
- **Intermediate**: 3
- **Macular**: 1
- **Slit**: 1
- **Glucoma**: 1
- **Fixation Cross**: 1
- **Red Free and Fixation Cross**: 1
- **Red Free**: 1
- **Cobalt Blue**: 1

**Spare bulbs**

- OPH 50001
- OPH 70001
- RET 50001
- RET 50002
- RET 50003

**Batteries / Spares**

- PSU 50004

**Handle sleeves**

- Lithium-ion double charger: PSU 500

**Single charger**

**Double charger**

As improvements are made, these specifications and pictures are not contractually binding and may be changed without prior notice.
**OPH 500 - PROFESSIONAL OPHTHALMOSCOPE**

**Ultimate Control**
- Easier and quicker exams with the positive action maywheel
- Lenses, graticules and filters can all be introduced at the touch of a fingertip

**Xenon Illumination**
- Brighter and whiter light. Long lasting bulbs

**Comprehensive Lens Range +29D To -30D**
- Easy examination for all types of ocular structures
- An adaptability for several patient/user prescriptions

**Included**
- Handle, Lithium battery, case, 1 bulb spare

---

**OPH 700 - SPECIALIST OPHTHALMOSCOPE**

**The World’s Finest Direct Ophthalmoscope**
- Ergonomic and slim design offers you a comfortable fit
- The slimline handle is perfectly shaped and balanced

**High Quality Illumination**
- The quality optics give you an undeniable brightness
- Ideal to view through cloudy media and cataracts

**Widest Range +44D To -45D**
- Wide lens range makes secure that you can make optimal diagnosis in any situation

**New Cobalt Blue Filter**
- Effective detection and examination of corneal scars and abrasions

**Included**
- Handle, Lithium battery, case, 1 bulb spare

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**RET 500 - PROFESSIONAL COMBI RETINOSCOPE**

**The First Truly Bimodal Retinoscope**
- High performance with a streak retinoscope

**Neutralisation Check**
- Express confirmation of neutralisation
- Possibility to change the beam from divergent to convergent to check the accuracy of the neutral point

**Two Position Aperture**
- Controllable aperture for bright: 4 mm or 1,7 mm
- Top quality resolution of the retinal reflex

**Included**
- Handle, Lithium battery, case, 1 bulb spare

---

**OPHRET 5 KIT**
**Kit Ophthalmoscope Retinoscope With Charger**
- OPH 500 + RET 500 + PSU 500

**OPHRET 7 KIT**
**Premium Kit Ophthalmoscope Retinoscope With Charger**
- OPH 700 + RET 500 + PSU 500

**PSU 500**
**Lithium-Ion Double Charger**
- Instrument always ready for use
- Ultimate for long examination
- LED display for instant indication
- Over two hours of continuous use
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- OPH 500 + RET 500 + PSU 500

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**Premium Kit Ophthalmoscope Retinoscope With Charger**
- OPH 700 + RET 500 + PSU 500

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<td></td>
<td></td>
</tr>
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<td>4 colours: PSU 50005 (blue, orange, green, black)</td>
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</tr>
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<td>Mini Lithium charger: PSU 400</td>
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