

SO-2700 LED



SCANOPTICS

... optics for life!

Head Mount Wireless Binocular Indirect Ophthalmoscope with adjustable PD and Aperture



- Lightweight
- Comfort
- Convenience
- Lifetime lamp

The Scan Optics SO-2700 Binocular Indirect Ophthalmoscope weighing only 325 gms including integrated battery pack provides state of the art image quality in an instrument that is comfortable to wear for long periods with an LED lamp designed to last the life of the instrument. The very small package makes the SO-2700 particularly convenient for use in different locations, including domiciliary and field use.

Depth perception of fundus vessels and pathology is essential for accurate diagnosis and management. The SO-2700 optical design and high quality precision optical

components offer a high resolution, undistorted view of the fundus in three dimensions.

The very low weight allows wearer comfort over long clinical and surgical sessions, and the instrument is designed for relaxed convergence and accommodation demands for maximum visual comfort.

The PD and Aperture on the SO-2700 can be adjusted to the examiner's personal requirement?

The instrument is maintenance free, and is supplied with a one year warranty.

S P E C I F I C A T I O N S

Performance

- The precision optical system provides a high resolution image for easier diagnosis and patient management.
- The variable intensity lighting system is designed for high fundus brightness and good colour rendition.
- The examiners PD is adjustable to the personal requirement for maximum visual acuity of the fundus image.
- 2 aperture sizes, selectable light patch diameter.

Comfort

- The very low weight means the instrument is comfortable to wear for long periods.
- The head mount has adjustable bands which can be easily fitted to most wearers, and allow the height of the instrument to be set to the line of the sight.
- The optical unit is adjustable horizontally, vertically and rotationally to allow wearer to optimise the instruments position.
- The wide field of view allows the wearer to be easily oriented in the examining room.
- Relaxed convergence and reduced accommodation demands give easy binocular fusion and visual comfort.
- The lamphouse is designed for low heat radiation towards the examiner.

Convenience

- The small high capacity battery pack is designed into the strap assembly.
- The SO-2700 is sealed from dust, is maintenance free and comes with a one year warranty.

Packaging



| INSTRUMENT | |
|-------------------------|-----------------|
| PD range | Adjustable |
| Accommodation lens | +1.50D |
| Lamp type | 1W LED(81 lm/W) |
| Lamp rated life | Instrument life |
| Lamp colour temperature | 3000 'K |
| Weight | 325gm |

| BATTERY SPECIFICATION | |
|-----------------------|--------------------------|
| Output | 7V/350mA |
| Battery type | Rechargeable LiPo |
| Battery capacity | 3.7V, 1100mAh, 4.07Wh |
| Battery charging time | 1.5hrs |
| Battery duration | 2.0hrs min @Hi intensity |

| ACCESSORIES | |
|---|---|
| SO-2707 Teaching mirror |  |
| Filters SO-2212 minus red. SO-2213 cobalt blue. SO-2215 UV filter. |  |
| SO-2320 Mains power adaptor I/P 100-240V 50-60Hz O/P 12V DC 2A |  |

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