

# SO-2200 LED



... optics for life!

## Binocular Indirect Ophthalmoscope with LED lamp technology



- Performance
- Convenience
- Comfort
- Lifetime lamp

The Scan Optics SO-2200 LED Binocular Indirect Ophthalmoscope 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-2200 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-2200 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 SO-2200 LED can be personalised for the examiner's refractive error.

The light patch can be changed to a smaller patch.

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 lighting system is designed for high fundus brightness and good colour rendition.
- The Instrument is normally supplied with plano lenses and set with a PD of 62.5mm but can be supplied to suit the examiner's personal refractive error correction and PD requirement for maximum visual acuity of the fundus image and the surrounding environment.

## Comfort

- The very low weight means the instrument is comfortable to wear for long periods.
- The frame has adjustable nose pads 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 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 SO-2200 LED is easily portable. The instrument is supplied in a handy plastic case, making it convenient to take to different locations such as between office and operating room, on field trips or on domiciliary visits.
- The small high capacity battery pack can be carried in a pocket, on a belt or clipped to a coat without distracting the wearer.
- The SO-2200 LED is sealed from dust, is maintenance free and comes with a one year warranty.

## PACKING

Complete instrument in tough carry case.

Dims: 320x270x112mm



## INSTRUMENT

<b>PD range</b>	Pre adjusted to suit examiner
<b>Accommodation lens</b>	+1.50D
<b>Lamp type</b>	1W LED(81 lm/W)
<b>Lamp rated life</b>	Instrument life
<b>Lamp colour temperature</b>	3000 'K
<b>Weight</b>	72gm
<b>Light Patch</b>	110 mm in diameter at 500 mm distance

## BATTERY UNIT SO-2217



<b>Output</b>	7V/350mA
<b>Battery type</b>	Rechargeable LiPo
<b>Battery capacity</b>	3.7V, 1100mAh, 4.07Wh
<b>Battery charging time</b>	1.5hrs
<b>Battery duration</b>	2.0hrs min @Hi intensity
<b>Weight</b>	130gm

## ACCESSORIES

<b>SO-2211 Teaching mirror</b>	
<b>Filters</b> SO-2212 minus red. SO-2213 cobalt blue. SO-2215 UV filter.	
<b>SO-2320 Mains power adaptor</b> I/P 100-240V 50-60Hz O/P 12.00DC 2A	
<b>SO-2320 Small carry case</b>	

### Scan Optics

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