

# SO-801



## Hand-held Slit Lamp

...optics for life!

**Portable and robust**

**High optical resolution**

**Battery power**

**Versatile**

**Cobalt blue filter**

The Scan Optics SO-801 Slit Lamp has slit, rectangle and disc apertures for all examination requirements.

The viewing eyepiece has multiple optical elements for high resolution.

The instrument is operated from an internal battery pack, with long continuous lamp life.

It is supplied with a spare battery and charging unit.

The Scan Optics Model SO-801 Slit Lamp is a hand-held portable instrument which allows high resolution examination of the corneal surfaces, the corneal stroma and the anterior chamber.

It includes a filter wheel with cobalt blue and red free filter.



## SPECIFICATIONS

# SO-801

## Hand-held Slit Lamp

### VIEWING OPTICS

**System:**

Monocular

**Eyepiece:**

High resolution Hastings triplet

**Magnification:**

6.25x

**Working Distance:**

40mm

### APERTURES

**Slit:**

0.3 x 9mm for corneal stroma

**Rectangle:**

1 x 5mm for corneal surfaces

**Disk:**

3mm diameter for anterior chamber flare

### LAMPHOUSE

**Slit angle:**

2.5° right or left of eyepiece optical axis

### ILLUMINATION

**Lamp type:**

Quartz halogen

**Lamp power:**

3.6V 6W

**Lamp rated life:**

22 hours

**Lamp colour temperature:**

3,300°K

### POWER INPUT

Universal AC adapter supplied with unit.  
100 - 240 VAC / 50-60Hz / 13.8V / 1.0A

Integrated automatic Lithium-Ion charger.  
Continuous trickle charge to keep battery full

### BATTERY PACK

**Type:**

1850mAh Lithium-Ion

**Capacity:**

60 minutes of continuous use

**Charge time:**

90 minutes

**Life:**

3 years

### CARRY CASE

**Dimensions:**

320 x 280 x 90mm (12.5 x 11 3.5")

**Weight when packed:**

1.5kg (3.3lbs) excluding optional mains power supply handle

### STANDARDS

**ISO-9001:**

Scan Optics is accredited to ISO-9001 which includes product design, manufacture and service

**CE Mark:**

The SO-801 carries the European CE mark

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