

Hand Held LED Slit Lamp

XL-1

The XL-1 portable slit lamp utilizes a high luminance LED light source, coupled with a lightweight, compact design, to give you the freedom of using a slit lamp in the palm of your hand.



Small and Lightweight

The slit lamp XL-1 weighs only about 700 g including battery and fits easily and comfortably in your hand. It's ergonomic, portable design and convenient carrying case make it an ideal instrument for non-ambulatory patients, nursing home visits, and veterinary work.

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High Luminance White LED

The high luminance light source of the XL-1 provides about 10,000 lux of white light and has a lifespan of 50,000 hours or more; providing bright, consistent light, as well as the convenience of not having to replace bulbs.

Though it is LED slit lamp, a sharp slit light can be offered, and slit width can be also adjusted freely.

Filter functions

You can select various filters such as the Cobalt Blue, Green and Conversion filter for the color temperature.

Long Battery Life

This portable slit lamp comes with two long-lasting batteries that can power the unit at maximum illumination for up to two hours. The XL-1 also comes with its own battery charger, allowing you to charge the batteries as necessary.

Specifications

Magnifications	10 x, 16 x (with optional eyepieces)
Diopter adjustment	± 7 D
Visual field	∅ 10 mm
PD adjustment range	50 - 70 mm (with 10x eyepieces) 55 - 70 mm (with 16x eyepieces)
Working distance	80 mm
Slit width	0 - 11 mm (stepless adjustment)
Slit length	11 mm
Filters	Cobalt blue, Green, color temperature conversion
Illumination angle	On the level circumference ± 30 degrees
Light source	High lumiance white LED
Battery	Li-ion battery 7.4 V 680 mAh
Operation time	Up to 2 hours with maximum illumination
Charger	Input voltage AC 100-240V 60-50Hz Output voltage DC 12V 500mAh
Standard accessory	Carrying case, Battery, Battery Charger, Forehead support, Diopter adjustment bar, Instruction manual 1pc
Weight	about 700g (including battery)