

**SHIN-NIPPON**  
by **Rexxam**



Versatile  
Mobile Slit Lamp

Compact & Mobile  
**LED SLIT LAMP**  
**XL-1**

## LED SLIT LAMP XL-1

### High-Intensity Day Light Color LED

High-intensity day light color LED implemented.

Day light color LED is much close to natural sun light which makes it much easier to the patient's eye. 10,000 lux luminosity that is competitive to our previous model.

\*LED life duration: over 50,000 hours

### Sharp Slit Light

Adopting the day light color LED to have the light sharp as the previous type and adjust the lighting and slit width freely maintaining the light intensity.

### Built-In PD (Pupil Distance) Adjustment Gear

PD interlock adjusting gear newly installed for easier image focus.

### Light Weight / Compact Size

Light weight and compact designing to provide stress free operation even in long hours. Convenient for house call, home care, veterinary or any other various situations.

### Filter Functions (Illumination System)

Various filters to select from to efficiently operate.

<Cobalt Blue, Green and Conversion filter for the color temperature>

### Battery Power

Operative for 2 hours with maximum luminance. (Battery: Full Charge)

### SPECIFICATION

MICROSCOPE	Eyepiece	×10, ×16 (Option)
	Total magnifications	×10, ×16 (Option)
	Diopter adjustment	±7D
	Visual field	Ø10mm
	PD adjustment range	50-70mm (at eyepiece ×10) 55-70mm (at eyepiece ×16)
	Working distance	80mm
ILLUMINATION	Slit width	0-11mm (Stepless adjustment is possible.)
	Slit length	11mm
	Filters	Cobalt blue, Green, Color temperature conversion filter
	Illumination angle	On the level circumference ±30degrees
LIGHT SOURCE	Light source	Day Light Color LED
BATTERY	Voltage	Li-ion battery 7.4V 680mAh
	Operation time	Approx. 2 hours (Full charge, Max luminosity)
CHARGER	Input voltage	AC 100-240V 60-50Hz
	Output voltage	DC 12V 500mAh
STANDARD ACCESSORIES	Carrying case 1pc, Battery 1pc, Battery Charger 1pc, Forehead support 1pc, Diopter adjustment bar 1pc, Instruction manual 1pc	
OPTIONAL ACCESSORIES	×16 Eyepiece (1set), Spare battery 7.4V 680mAh (1pc)	
DIMENSION WEIGHT	Dimension	195mm(W) × 105mm(D) × 230mm(H)
	Weight	about 700g (including a battery)

Design and specifications are subject to change without notice.



ON/OFF power can be switched easily by operating the tip of a finger.



Li-ion battery 7.4V 680mAh



Carrying case (standard accessory)

Manufacturer



**Ohira Co.,Ltd.**  
629-961 Niiborishinden, Minamiuonuma,  
Niigata, 949-7135, Japan

Distributed by

**Rexxam**  
Rexxam Co.,Ltd.

Contact

MEC Sales Division  
2-8-4, Kandatsukasa-machi, Chiyoda-ku Tokyo, 101-0048, Japan  
TEL 81-3-3256-7701 FAX 81-3-3256-7702

E-mail: eye@rexam.co.jp URL: <http://www.rexxam.co.jp> URL: <http://www.shin-nippon.jp>