



Upgraded illumination system to LED.

New Premium Standard Series

# SLIT LAMP

SL-500

SL-203/SL-102

# New Premium Standard Series

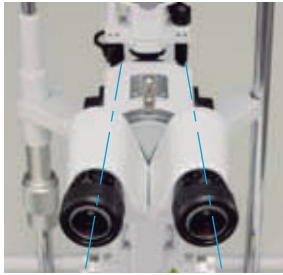
# Upgraded illumination system to LED!!

## SL-500

Newly designed wide-field optics, high-tech illumination for ease of use. Every specification and function perfect for daily eye exams. The new generation of Slit Lamp.

### Convergence Optics

12degree convergence optics for easy image fusion. Newly designed optical alignment affording wider visibility in the eyepiece.



### Built-in Yellow Filter

Internal yellow filter may be conveniently switched in/out quickly for fluorescein techniques.



5 STEP  
MAGNIFICATION  
MODEL

( x6, x10, x16,  
x25, x40 )



LED

### LED Illumination

Upgraded illumination system to LED as similar wavelength of Halogen Lamp.

### Expanded Slit Width & Height

A wider slit width & longer slit height capability are attractive features when combined with our new wide field optics. Slit width : 0 - 15mm Slit height : 0,5 - 15mm

### Background Illumination/Diffuser

Flexible background illumination and a diffuser that can be easily deployed, e.g. when shooting.



### Improved Working Distance

Forward and back slit lamp movement is increase up to 100mm allowing retinal exams with diagnostic and therapeutic fundus lenses.

100<sup>mm</sup>/<sub>m</sub>  
Slit lamp  
movement

### Wide field & High Eye point Eyepiece Design



With our newly created wide field optics, we have successfully increased the actual field of view. Wider fields of view as 37, 23, 14.6, 9.5 & 5.9mm are achieved. With the new high-point eyepiece feature, eye exams are performed in a more natural, comfortable manner.

### Centralized Control



Joystick with camera shutter control button, main/background illumination control knob and locking control knob, routinely used functions all conveniently localized in the joystick area for efficient, confident slit lamp control.

## SL-203

The acclaimed SL-203 is now upgraded ( a stereotype eye lens tube ).  
Equipped with the same LED illumination system as the SL-500.  
The main unit can now slide up to 100mm,  
which makes the device brighter and more user-friendly.  
Customizable in various ways to meet your needs,  
e.g. allowing a digital camera to be added to the basic function.



## SL-102

The simple and easily operable SL-102 also with upgraded illumination system to LED and expanded slide travel of the main unit.  
A basic model for all users, allowing you to observe the eye quickly and correctly even when multiple examinations are required.

# SLIT LAMP SL-500/SL-203/SL-102

## SL-500 SPECIFICATION

Microscope	Type	Binocular, Galilean-type, 5step drums rotation	
	Conversion	12 degrees	
	Eyepieces	12.5x High-Eyepoint	
	Filter	Yellow filter	
	Total Magnification	6.4x, 10x, 16x, 25x, 40x	
	Field of View	φ37, φ23, φ14, 6, φ9, 5, φ5, 9mm	
	Pupillary Distance	52 to 80mm	
	Diopter Adjustment Range	-7D to +7D	
Base	Side Shift	100mm	
	Depth Shift	100mm	
	Height Shift	29mm	
Chin-rest	Height Shift	80mm	
	Fixation Target	LED	
Illumination System	Slit Width	0 to 15mm, continuous	
	Slit Height	0.5 to 15mm, continuous	
	Diaphragm Sizes	φ0.2, φ1, φ3, φ5, φ8, φ15mm	
	Rotation	0 to 180 degrees	
	Filters	Cobalt blue, 50%ND, Heat absorption, Green(Red-Free)	
	Light Source	LED	
Power Consumption	35 - 45 VA		
Size	Weight	17kg	
	Dimensions	550mm(W) x 445mm(D) x 800mm(H)	

## SL-500 Standard Accessories

- Operation Manual
- Power Cable
- Dust Cover
- Chin-rest Paper
- Test Bar
- Light Guide
- Diffuser
- Base Plate

## SL-500 Optional Accessories

- Table Top
- Accessory Box

## SL-203/SL-102 SPECIFICATION

	SL-203	SL-102	
Microscope	Type	Galilean-type	Greenough-type
	Magnification Changing Method	5step drums rotation	2-position lever
	Eyepieces	15x	10x, 16x
	Total Magnification	6x, 10x, 16x, 25x, 40x	10X, 16x, 25.6x
	Field of View	6 to 37mm	10 to 18mm
	Pupillary Distance	50 to 80mm	55 to 80mm
	Diopter Adjustment Range	-7D to +7D	-8D to +8D
	Base	Side Shift	100mm
Depth Shift		100mm	
Height Shift		29mm	
Chin-rest	Height Shift	80mm	
	Fixation Target	LED	
Illumination System	Slit Width	0 to 15mm, continuous	
	Slit Height	0 to 15mm, continuous	
	Diaphragm Sizes	φ0.2, φ1, φ3, φ5, φ8, φ15mm	
	Rotation	0 to 180 degrees	
	Filters	Cobalt blue, 50%ND, Heat absorption, Green(Red-Free)	
	Light Source	LED	
Power Consumption	24 - 30VA		
Size	Weight	16.5kg	16kg
	Dimensions	550mm(W) x 410mm(D) x 770mm(H)	

## SL-203/SL-102 Standard Accessories

- Operation Manual
- Power Cable
- Dust Cover
- Chin-rest Paper
- Test Bar
- Base Plate

## SL-203/SL-102 Optional Accessories

- Table Top
- Accessory Box

Manufacturer



**Ohira Co., Ltd.**

629-961 Niiborishinden, Minamiuonuma  
Niigata, 949-7135, Japan

Design and specifications are subject to change without notice.

Distributed by

**Rexxam**  
Rexxam Co., Ltd.

Contact

**Eye-care Instruments Sales Dept. Tokyo Office**

2-4-2 Kandatsukasa-machi, Chiyoda-ku, Tokyo, 101-0048, Japan

TEL:81-3-6262-9471 FAX:81-3-6262-9472

E-mail: eye@rexexam.co.jp

URL: http://www.rexxam.co.jp

URL: http://www.shin-nippon.co.jp