

SL-2G

Slit lamp



Basic, economical, eco-friendly SL-2G LED slit lamp



SL-2G Slit lamp

Long life LED illumination saves power, helps the environment and reducing bulb replacement.

Features

- | Compact and practical, ergonomic design
- | Three magnifications (10x; 16x; 25x)
- | Long life and power saving LED illumination





Still using halogen lamp illumination?

Light Emission Diodes (LEDs) are increasingly being applied to optical and medical instrumentation thanks to their clear and bright light, low heat illumination and long life. LEDs also have the advantage of being environmentally friendly reducing the waste of frequently replacing halogen and tungsten bulbs.

As a leader in ophthalmic instrumentation, Topcon is incorporating LED as the main illumination in its SL-2G slit lamp. The approx 10,000 hours lifetime of the LED is expected to be a hundred times longer than conventional halogen bulbs. This makes the SL-2G easier to maintain, economical and eco-friendly.



Quality of illumination

Uniform and consistent illumination is achieved by LED source.



Three magnifications

10x, 16x, 25x covers the needs for a comprehensive slit lamp examination.



Smooth illumination adjustment

The LED illumination can be adjusted continuously from 0 to maximum.



AC adapter

The AC adapter included with the SL-2G enables the use of any power source and adds flexibility to the installation in different types of furniture and delivery systems.

Specifications

Microscope			
Type	Galileo convergence		
Magnification selection	3 steps by rotation drum		
Magnification	10x, 16x, 25x		
Eyepiece	12.5x		
Diopter adjustment	-5D ~ +3D		
Total magnification (field of view)	10x (φ 22.5 mm)	15.98x (φ 14.1 mm)	25.53x (φ 8.8 mm)
Illumination			
Slit width	Continuous from 0 to 14 mm		
Slit length	Continuous from 1 to 14 mm		
Aperture	Continuous from 1 to 14 mm , φ 0.3, 1, 5, 10, 14 mm		
Slit angle	0° to 180°		
Filter	Blue, red-free		
Light source	LED		
Power			
Input (primary)	AC 100-240V	50-60Hz	
Power consumption	40VA		
Dimension & weight			
Standard (with table top and chinrest)	550 mm (W) x 399 mm (D) x 520 mm (H), 15.2 kg		

Optional accessories



External fixation target
(SO-FT02)



Yellow filter



Tonometer mount for R900
(SO-TM1)



Tonometer mount for R870
(SO-TM2)

- | 12.5x Measuring eyepiece
- | 20x Eyepiece
- | Parallel binocular tubes (PB-2)
- | Diaphragm unit

IMPORTANT

Subject to change in design and/or specifications without advanced notice.
In order to obtain the best results with this instrument, please be sure to review
all user instructions prior to operation.
Medical device Class I. Manufacturer: Topcon Corporation.



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