

# Slit lamp

SL-2G



# BASIC, ECONOMICAL, ENVIRONMENTALLY FRIENDLY, SL-2G LED SLIT LAMP



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



## Features

- » Magnification unit SL-D2
- » New LED lamp house unit based on the SL-1E
- » Slit lamp base same as SL-1E
- » No joystick trigger button

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## Still using halogen lamp illumination?

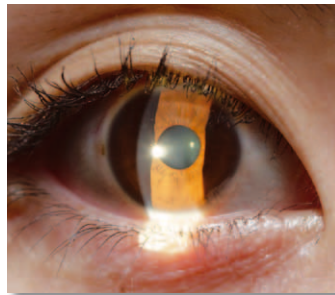
Light Emission Diodes (LEDs) are increasingly being applied to optical and medical instrumentation thanks to their clear and bright light, low heat illumination and long life. LEDs also have the advantage of being environmentally friendly reducing the waste of frequently replacing halogen and tungsten 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 of 100 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

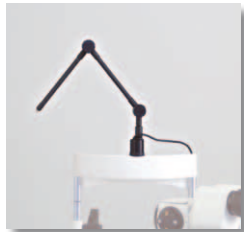
The AC adapter included with the SL-2G enables the use of any power source and adds flexibility to the installation in different types of furniture and delivery systems.



# Specifications

<b>Microscope</b>			
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)
<b>Illumination</b>			
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		
<b>Power</b>			
Input (Primary)	AC 100-240V	50-60Hz	
Power consumption	40VA		
<b>Dimension &amp; weight</b>			
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)



Fundus Viewer FV-IL



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.

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