

**Frey**



manufactured in  
European Union



# Slit Lamp

## SL-100 Slit Lamp - Advanced LED Slit Lamp Microscope

Frey SL-100 is an advanced LED slit lamp microscope designed for high performance, accurate diagnostics, reliability and patient comfort. Brilliant optics result in stunning image quality and resolution. An innovative LED illumination system with integrated eye illumination and digital camera delivers superb clinical viewing.

### Digital camera ready

Frey SL-100 integrates specialized componentry to connect and control Frey bespoke digital imaging system. Push button joystick and eye illumination system controls are elegantly integrated. Simply add digital camera system allowing clinicians to enjoy outstanding ergonomics and complete control over the imaging process clinical examination.

### LED illumination system

The LED illumination source eliminate heat and infra red emissions associated with traditional light sources and ensures optimal diagnostic detail from the cornea to the

retina. LED exhibits superior duty cycle and reduces medical device maintenance and downtime significantly. LED light intensity is precise and easy to use, delivering a sharp and bright slit for superior performance and control.

### Improve clinical workflow

Superb mechanics, Frey SL-100 is very easy to operate. Frey combines modern design and enduring performance providing the clinician with fatigue free examinations every day. Yellow contrast enhancing filter for additional contrast is cleverly integrated into the optical body of the microscope, and can be subtly operated for viewing corneal staining.

Device type	SL-100 Slit Lamp				
Microscope type	Convergent binocular optical microscope @ 8°				
Eyepiece	Wide field 12.5 x				
Magnification power selection system	Five position rotating drum				
Magnifying powers	6x	10x	16x	25x	40x
Field of view [mm]	36	23	14	9	6
Minimum slit opening	0.2 mm				
Slit length	1.8 – 14 mm continuously variable				
Slit projection scale	1x				
Slit stops	0.3/ 1 / 3 / 5 / 9 / 14 mm				
Filters	clear, blue, natural density, yellow, diffuser				
Slit rotation	+/- 180° with reference scale				
Slit angle	+/- 90° continuous				
Vertical slit tilting angles	0°, 5°, 10°, 15°, 20°				
Fixation lamp	Green LED				
Chin-rest height adjustment	70 mm				
Base travel	100 mm X-axis, 100 mm Y-axis, 30 mm Z-axis				
Eyepiece diopter adjustment	-5D do +5D				
Distance between pupils	50 – 80 mm				
Working distance	110 mm				



PREMED PHARMA KFT.  
 CÍM 2040 Budaörs, Gyár u. 2.  
 TELEFON 06 23 889 700  
 FAX 06 23 889 710  
 E-MAIL info@premedpharma.hu  
 WEB www.premedpharma.hu