

For Reliable Examination

SL-1800

SLIT LAMP



SL-1800 Specifications

Microscope	
Type	Galileian Converging Binocular
Objective Lens	F = 125 mm
Magnification	5 Position Rotating Drum
Eyepiece	12.5x
Total Magnification	5x, 8x, 12.5x, 20x, 32x
Real Fields of View	46, 29.5, 18.4, 11.5, 7.5 mm
P.D. Adjustment	50 - 75 mm
Stereoscopic Angle	6°
Eyepiece Diopter Adjustment	+/-8D
Filter	Yellow
Slit Illumination	
Light Source	6V 20W Halogen Lamp
Slit Projection	1.16x
Slit Width	0 - 14 mm Continuously Variable
Slit Length	14 mm (1.8 - 13 mm Continuously Variable)
Aperture Diameter	14, 9, 5.5, 0.3 mm
Filters	Blue, Red Free, Heat Absorbing
Slit Angle	+/- 90° Continuous Scale
Angle of Incidence	0° Horizontal
Free Working Distance	68 mm (from Prism Exit to Patient's Eye)
Travel of Instrument Base	
Vertical Movement	36 mm
Lateral Movement	107 mm
Depth Movement	113 mm
Horizontal Fine Movement	9 mm
Chinrest	
Fixation Point Lamp	Micro Lamp 12V 60mA
Vertical Movement	66 mm
Power Requirements	
	100V - 120Vac, 230 - 240Vac 50 / 60Hz
Maximum Power Consumption	40VA
Dimensions / Weight	
	500 (W) x 430 (D) x 662 (H) mm / 16.6 kg 19.7 (W) x 16.9 (D) x 26.1 (H) " / 36.6 lbs.
Accessories	
Standard Accessories	Protective Cover, Calibration Stick, Spare Lamp, Chinrest Paper, Fuses, Breath Shield, Maintenance Wrenches, Power Cord
Optional Accessories	Tonometer, Hruby Lens, Beam Splitter, Second Observer Tube, Adapters for Digital Camera and CCD Camera, Millimeter Eyepiece

- Clearer and easier view with the wide field "high eye point" type eyepiece & Galileian converging binocular microscope.
- User-friendly ergonomic design provides optimal operability.
- Smooth 3D movement with the single joystick.
- Advanced continuously variable illumination.
- Use of the yellow filter allows easy observation and evaluation of contact lens fit in fluorescent light.

*Specifications and design are subject to change without notice for improvement.



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