



Slit Lamp
SL-1800



THE ART OF EYE CARE

SL-1800 Specifications

Microscope	
Type	Galilean converging binocular
Objective lens	F = 125 mm
Magnification selection system	5 position rotating drum
Eyepiece	12.5x
Total magnification	5x, 8x, 12.5x, 20x, 32x
Real field of view	ø46, ø29.5, ø18.4, ø11.5, ø7.5 mm
P.D. adjustment	50 to 75 mm
Stereoscopic angle	6°
Eyepiece diopter adjustment	±8 D
Filter	Yellow
Slit illumination	
Light source	6 V 20 W halogen lamp
Slit projection	1.16x
Slit width	0 to 14 mm continuously variable
Slit length	1.8 to 13 mm continuously variable, 0.2, 5.5, 9, 14 mm
Filters	Blue, Red free, Heat absorbing
Slit angle	±90° continuous scale
Travel of instrument base	
Vertical movement	36 mm
Lateral movement	107 mm
Depth movement	113 mm
Horizontal fine movement	14 mm
Chinrest	
Fixation point lamp	Micro lamp 12 V 60 mA
Vertical movement	76 mm
Power supply	AC 100 to 120, 230 to 240 V 50 / 60 Hz
Power consumption	40 VA
Dimensions / Mass	500 (W) x 430 (D) x 662 (H) mm / 15.8 kg 19.7 (W) x 16.9 (D) x 26.1 (H) " / 34.8 lbs.
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 & Galilean converging binocular microscope.
- User-friendly ergonomic design provides optimal operability.
- Smooth 3-D movement with the joystick.
- Advanced continuously variable illumination.
- Use of the yellow filter allows easy observation and evaluation of contact lens fit in fluorescent light.

Caution : U.S. Federal Law restricts this device to sale, distribution and use by or on the order of a physician or other licensed eye care practitioner. Specifications and design are subject to change without notice.



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