



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 | 12.5 x |
| Total magnification | 5 x, 8 x, 12.5 x, 20 x, 32 x |
| 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 | 1.16 x |
| 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 / Weight | 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 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.

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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