

SL-880

SLIT LAMP

B"H



LUXVISION

PRECISION INSTRUMENTS



MINATOR



The SL-880 Slit Lamp presents a stereoscopic optical system by adding fusing images a focal point. The SL-880 brings a two position lever that is located under the optical head that makes it easy to interchange the magnification levels.

The 880 Slit Lamp is capable of magnifications of 10x and 16x.

The tower illumination model, SL-880, is a cost effective Luxvision slit lamp that does not compromise on features or quality. Rheostat based, adjustable illumination allows the user to easily modify the intensity throughout the exam. To see the ocular structures in more detail, easily switch between two magnifications, 10x and 16x. The SL-880 can be used in combination with any standard applanation tonometer for accurate intra-ocular pressure measurements. Four filters, cobalt blue, red free, grey and heat absorption, will aid in a more thorough examination of the eye.

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This tower illumination model slit lamp provides everything necessary for a thorough eye exam. Applanation tonometer compatible, two magnifications (10x and 16x) and four different filters are just some of the features that make this reliable slit lamp a piece of equipment you need in your office.



Slit width control knob

The slit width is adjustable from 0 to 9 mm.



Aperture and Slit Height

Rotate the knob to adjust the slit height. Swing the knob horizontally to revolve the slit.



Brightness control switch

Conveniently switch from one illumination to another as needed throughout the exam.



- Horizontal mark
- Filters
Four filters are available, heat-absorption, grey, red-free and blue.
- Chin-rest elevation adjustment knob
Rotate the knob to adjust the elevation of the chin-rest.
- Microscope and illumination arm couple bolt
Fasten this bolt and the illumination arm and the microscope arm can be Rotated together.



Base Locking Screw

The base will be locked when this screw is fastened.



Position Lever Magnification

The two position lever located under the optical head, makes it easy to interchange the magnification levels.

Applanation tonometer (additional purchase)

This SL-880 slit lamp can be equipped with TN-150, Model R-900 or Model T-900 applanation tonometer to measure the intraocular pressure.



Specifications



SL-880 SLIT LAMP

US OPHTHALMIC
9990 NW 14th Street
Unit 105

Doral, Florida 33172

PH: 786.621.0521

Toll Free: 888.334.4640

Fax: 786.621.1842

info@luxvision.com

www.luxvision.com

Microscope	
Type	Cross-Angle stereovision
Model magnifying	Change the objective for 2 grade magnification
Eyepiece	10x
Total magnification rate	Objective x Eyepiece = magnification rate / vision field
	10x ø18mm/0.7in
	16x ø14.5mm/0.57in
Range of P.D. adjustment	10x eyepiece 55mm/2.16in to 82mm/3.23in
Diopter Adjustment	10x eyepiece ±6D
Illumination	
Slit projection magnification	2/3x
Slit width	continuous from 0mm/0in to 9mm/0.35in (at 9mm/0.39in, slit becomes a circle)
Slit height	continuous from 1mm/0.039in to 8mm/0.315in
Aperture diameter	ø9mm,ø8mm,ø5mm,ø3mm,ø2mm,ø1mm,ø0.2mm ø0.35in,ø0.315in,ø0.19in,ø0.12in,ø0.08in,ø0.039in,ø0.008in
Slit angle	0° to 180° with horizontal scanning capability
Filter piece	heat-absorption, grey, red-free and blue
Illumination bulb	12V/30W halogen bulb
Movement base	
Fore and back movement	90mm/3.54in
Left and right movement	100mm/3.93
Fine movement	15mm/0.59in
Vertical movement	30mm/1.18in
Chin-rest parts	
Vertical movement	80mm/3.15
Fixation target	Red-LED
Power Source	
Input voltage	100/220V ~ ±10%
Input frequency	50/60 Hz
Input power	58VA
Output voltage	Illumination bulb 9.9V, 11.6V Fixation target 7.2V
Electric safe standard	Conform to Standard IEC601 - 1, Class I Type B
Dimension and weight	
Packing box	670 x 570 x 510mm / 26.37 x 22.44 x 20in
Total weight	23 Kg / 50.6 Lb
Net weight	20 Kg / 44 Lb

Designs and details can be changed without prior notice for the purposes of improvement.

