

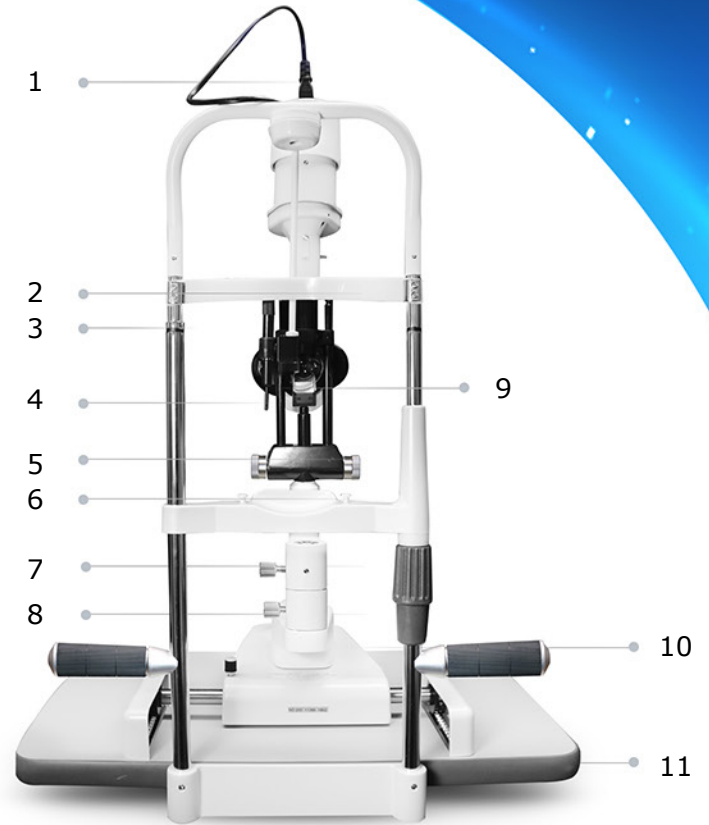
Clinical Slit Lamps
CSL-1U



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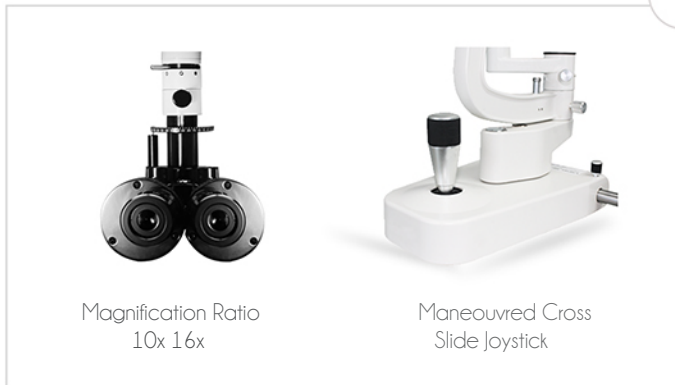
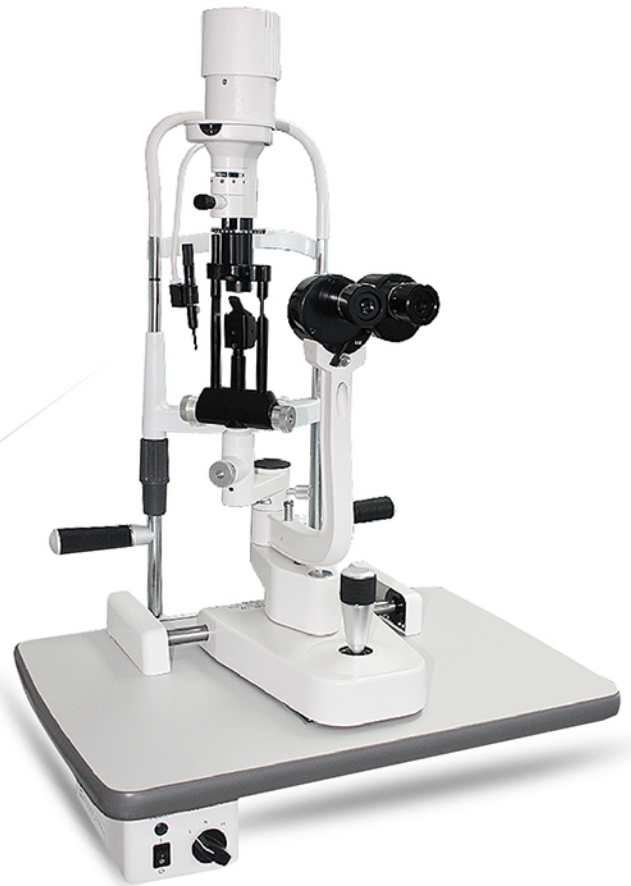
1. Main Power Switch
2. Head Rest
3. Horizontal Mark
4. Fixation Point
5. Slit Width Control Knob
6. Chin Rest
7. Microscope & Illumination
Arm Couple Bolt
8. Microscope Arm Locking Knob
9. Reflecting Mirror



10. Patient's Handle
11. Shaped Tabletop
12. Light Bulb / Halogen Cover
13. Slit Height and Aperture Display Window
14. Filter Selection Lever
15. Aperture and Slit Height Control Knob
16. Rotation Angle Scale
17. Extractable Eyepieces
18. Projector Positioning Scale
19. Base Locking Screw
20. Joystick

Features:

- The ergonomic design of CSL-1U provides a clear and detailed illumination and observations for patients eye.
- The Slit Lamp CSL-1U is a basic model offering specialized optics and increased magnification levels.
- This sophisticated design allows the operator to easily maneuver between high and low magnifications using a two-position of magnification.
- CSL-1U slit lamps utilized a Galilean Optical system.
- CSL-1U examinations provides a stereoscopic magnified view of the eye structures in details.



Halogen Clinal Slit Lamps

CSL-1U

Product Introduction



CSL-1U a classic styling and outstanding Galilean optics, complete with moisture and mildew proof lenses and a three step drum magnification system.



CSL-1U slit lamps examinations provides a stereoscopic magnified view of the eye structures in details with built in filters.



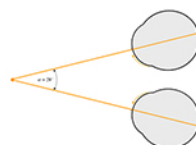
CSL-1U halogen bulb (12V 30W) provides a steady lighting for observation, and optimum color rendition which allows maximum illumination during the observation.



CSL-1U features a illumination tower allows examination in horizontal, vertical, and oblique section including option to offset the slit for corneal trans-illumination.



A key feature of the CSL-1U is the short reflex mirror which is recommended for posterior segment examinations. The illumination beam must be in a 3-5 degree angle.



This high performance camera can capture and record the smallest details while conducting a slit lamp examination.

Microscope

Type	Cross-angle stereo vision
Model of Magnifying	Change the objective for 2-grade magnification
Eyeiece	10x
Total Magnification Rate	1x 10x 10x Ø18mm 1.6x 10x 16x Ø14.5mm
Range of P.D. Adjustment	10x eyepiece 55mm to 82mm
Diopter adjustment	10x eyepiece ±5D



Product Specifications

Illumination

Slit Projection Magnification	2/3x
Slit Width	Continuous from 0 mm to 9 mm (at 9mm, slit becomes a circle)
Slit Height	Continuous from 1 mm to 8mm
Aperture Diameter	Ø9mm, Ø8mm, Ø5mm, Ø3mm, Ø2mm, Ø1mm, Ø0.2mm
Slit Angle	0° to 180° continuously adjustable from vertical to horizontal
Slit Inclination	5°, 10°, 15°, 20° four steps
Filter Piece	Heat-absorption, gray, red-free, and blue
Illumination Bulb	12V30W halogen bulb

Movement Base

Fore and Back Movement	90 mm
Left and Right Movement	100 mm
Fine Movement	15mm
Vertical Movement	30 mm

Chin-Rest Parts

Vertical Movement	80 mm
Fixation Target	Red LED

Power Source

Input Voltage	100/220V ~±10%
Input Frequency	50/60 Hz ± 1Hz
Input Power	58 VA
Output Voltage	Illumination bulb 9.8V, 11.6V Fixation target 7.2V
Electrical Safe Standard	Conform to Standard IEC601-1, Class I Type B

Dimensions and Weight

Packing Box	670mm x 570mm x 510mm
Total Weight	23 Kg
Net Weight	20 Kg