

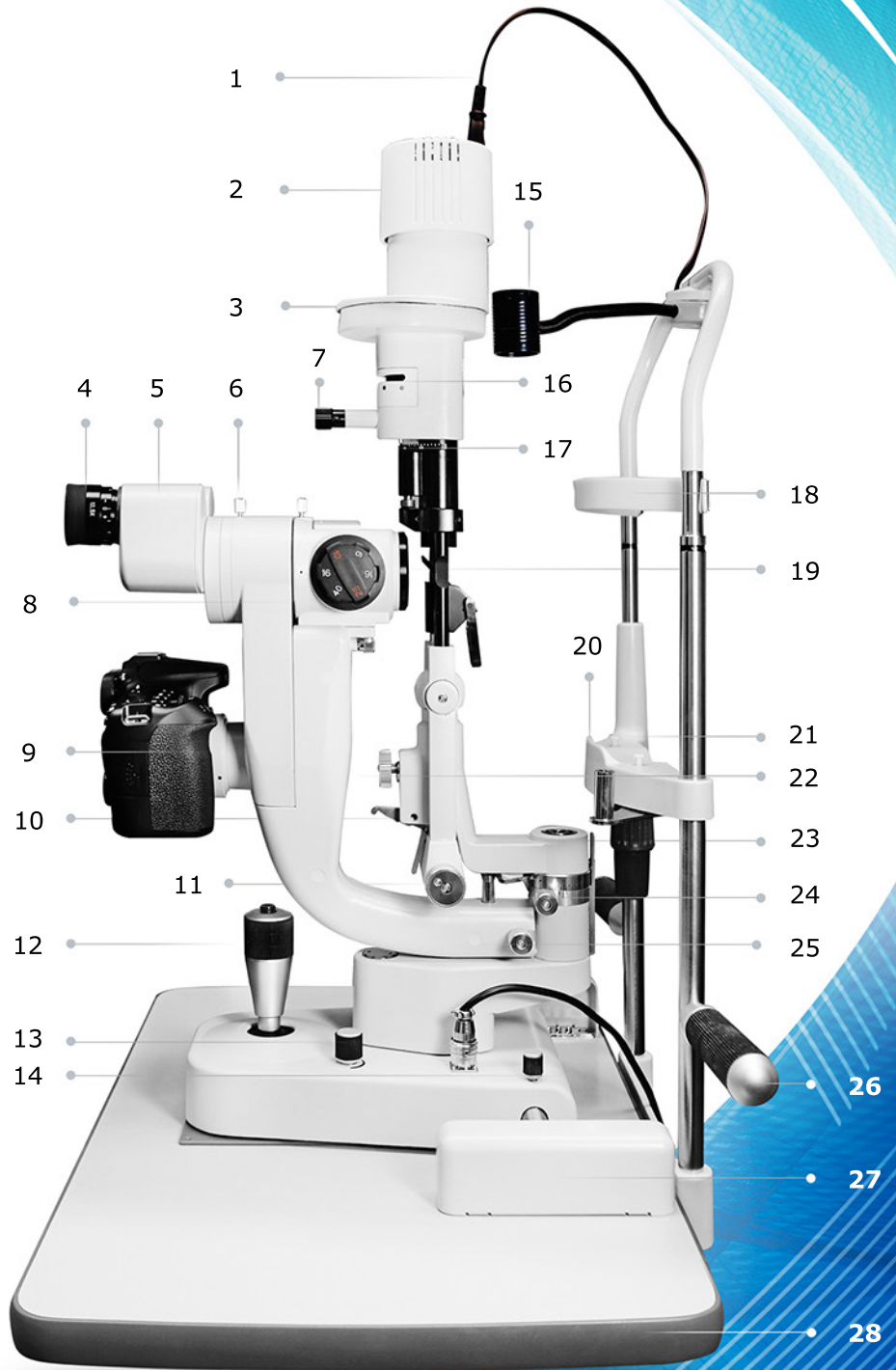
Clinical Slit Lamps
CSL-8U



Clinical Slit Lamps

CSL-8U

1. Lamp Cap Plug
2. LED / Halogen Cover
3. Aperture Window / Slit Height
4. 12.5x Eyepieces
5. Prism Box
6. Microscope Fixation Screw
7. Slit Height Control Knob
8. Magnification Select Dial
9. Accessory Camera Mount
10. Inclination Lever
11. Microscope Arm Locking Knob
12. Joystick (Camera Freeze & Capture)
13. Slit Width Control Knob
14. Base Locking Screw
15. Fixation Target
16. Filter Selection Lever / Display Mark
17. Aperture & Filter Selection Dial
18. Headrest
19. Reflective Mirror
20. Chinrest
21. The Fixation Knob of Chinrest Paper
22. Center Knob
23. Chinrest Elevation Adjustment Knob
24. The Mark of Microscope Arm
25. Microscope Arm Locking Knob
26. Patient's Handle
27. Wheel Shields
28. Work Table



Features:

- The German optic design of CSL-8U provides a clear and detailed illumination and observations for patients eye.
- The CSL-8U takes professional quality images with high quality sensor and simple connection system of USB. *(Optional)*.
- Easily to capture sharp digital photos of anterior and posterior segment: cornea, sclera, iris, lens and retina. The CSL-8U offers a 5 steps drum magnification.
- CSL-8U has an oblique illumination used for sectional or fundus examination using contact lens.
- CSL-8U has a powerful LED or halogen bulb for optimum color rendition and illumination.



(PC Not Included)



(Tabletop Model Not Included)

Built in Beam Splitter for Digital Camera *(Optional)*

Magnification Ratio
6x 10x 16x 25x 40x

Product Introduction

Clinal Slit Lamps CSL-8U



CSL-8U A classic style and outstanding converging stereoscope optics, complete with moisture, mildew proof lenses and a three step drum magnification system.



CSL-8U offers a built-in LED background illumination (standard from factory) system which allows you to take clear and bright images for all observations.



CSL-8U halogen bulb (12V / 30w) or LED model provides a steady lighting and optimum color rendition which allows maximum illumination during the observation.



The **CSL-8U** professional digital slit lamp captures high resolution images and or videos (with audio). All footage are displayed live on your computer (PC)



A key feature of the CSL 8U is the manoeuvred cross slide joystick offered with a high precision focus control and repeatability measurements for multiple fixation points.



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

Microscope

Type	Galilean magnification changer with convergin
Model of Magnifying	5 steps by drum rotation
Eyepieces	12.5x
Total Magnification Rate	6x, 10x, 16x, 25x, 40 (standard configuration)
Angle between eyepieces	13°
Range of P. D. Adjustment	55mm to 82mm
Diopter adjustment	±6D
Field of view	(Ø33mm) (Ø22.5mm) (Ø14mm) (Ø8.8mm) (Ø5.5mm)

Product Specifications

Illumination

Slit Width	Continuously variable from 0 mm to 14 mm (at 14mm, slit becomes a circle)
Slit Height	Continuously variable from 1 mm to 14mm
Aperture Diameter	Ø14mm, Ø10mm, Ø5mm, Ø2mm, Ø1mm, Ø0.2mm
Slit Angle	0° to 180° continuously adjustable from vertical to horizontal
Slit Inclination	Four Steps: 5°, 10°, 15°, 20°
Filter Piece	Heat-absorption, gray, red-free, and blue
Illumination Bulb	12V / 30W 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	220V / 100 ~ ±10%
Input Frequency	50 / 60 Hz ± 1Hz
Input Power	58 VA (max)
Output Voltage	Illumination bulb 7.2V, 11.6V Fixation target 7.2V
Electrical Safe Standard	Conform to Standard IEC601-1, Class I Type B

Dimensions and Weight

Packing Box	720mm x 495mm x 480mm
Total Weight	24 Kg
Net Weight	21 Kg

