Clinical Slit Lamps

CSL-3U
1. Lamp Cap Plug
2. Light Bulb Halogen Cover
3. Filter Selection Lever
4. Slit Height Control Knob
5. Aperture & Filter Selection Dial
6. Fixing Screw
7. Microscope Fixation Screw
8. Prism Box
9. Magnification Select Dial
10. Illumination Inclination Lever
11. Slit Width Control Knob
12. Joystick (Camera Freeze & Capture)
13. Brightness Control Switch
14. Fixation Target
15. Forehead Belt
16. Reflecting Mirror
17. Horizontal Mark
18. Fixation Knob of Chinrest Paper
19. Chinrest
20. Elevation Adjustment Knob
21. Device Base Locking Knob
22. Patients Handle
23. Wheel Shields
24. WorkTabletop
Features:

- The German ergonomic design of CSL-3U provides a clear and detailed illumination and observations for patients' eye.
- The Slit Lamp CSL-3U 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.
- CSL-3U slit lamps utilized a Galilean Optical system.
- CSL-3U light bulbs and optical lens are made of glass.
- CSL-3U lenses are multi-coated, mildew proof, and anti reflective.

Product Introduction

CSL-3U a classic styling and outstanding Galilean optics, complete with moisture and mildew proof lenses and a three step drum magnification system.

CSL-3U halogen bulb (12V/30W) provides a steady lighting for observation, and optimum color rendition which allows maximum illumination during the observation.

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

CSL-3U slit lamps examinations provides a stereoscopic magnified view of the eye structures in details with built in four different filters that can be inserted.

CSL-3U features a illumination tower allows examination in horizontal, vertical, and oblique section including option to offset the slit for corneal trans-illumination.

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Parallel Stereoscope</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model of Magnifying</td>
<td>Five Step Magnifications</td>
</tr>
<tr>
<td>Eyepiece</td>
<td>12.5x</td>
</tr>
<tr>
<td>Total Magnification Rate</td>
<td>6x</td>
</tr>
<tr>
<td>(Field View)</td>
<td>Ø33mm</td>
</tr>
<tr>
<td>Range of P.D. Adjustment</td>
<td>55mm to 75mm</td>
</tr>
<tr>
<td>Diopter adjustment</td>
<td>-5D to +3D</td>
</tr>
</tbody>
</table>

## Illumination

- **Slit Projection Magnification**: 1x
- **Slit Width**: Continuous from 0 mm to 14 mm (at 14mm, slit becomes a circle)
- **Slit Height**: Continuous from 1 mm to 14mm
- **Aperture Diameter**: Ø1.4mm, Ø1.0mm, Ø0.5mm, Ø0.2mm, 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**: 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**: 100/220V ±10%
- **Input Frequency**: 50/60 Hz ± 1Hz
- **Input Power**: 58 VA
- **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