



VIEWLIGHT
POWERED BY INNOVATION



Digital Slit Lamp
CSL-10U

*Digital Camera IMAX-5
(Included)*





CSL-10U

Digital Camera IMAX-5
(Included)

Features:

The CSL-10U Slit lamps includes a high quality digital camera IMAX-5, an LED illumination system and 5X magnification changer intended for the eye examination of the anterior eye segment, from the cornea epithelium to the posterior capsule. It is used to aid in the diagnosis of diseases or trauma which affect the structural properties of the anterior eye segment.



5X Magnification:

CSL-10U a classic styling and outstanding galilean optics system, with magnification changers of 6x, 10x, 16x, 25x, 40x, pupil range of 52-82mm, for clear observations.



Product Introduction



Cross Maneuver Joystick:

All Viewlight's slit lamps are built with a precise, smooth and high quality joystick. It provides lateral, longitudinal and vertical movements during all patients examinations.



Built In 5 Filters:

CSL-10U slit lamps examinations provides a stereoscopic magnified view of the eye structures in details with built in five different filters that can be inserted. No Filter, Heat Absorption, Grey (ND) Red Free (Green), and Cobalt Blue.



Tonometer: Optional

Viewlight's RU-100 Tonometer can be mounted and installed as an accessory used for measuring ocular pressure and appplanation of the corneal surface.

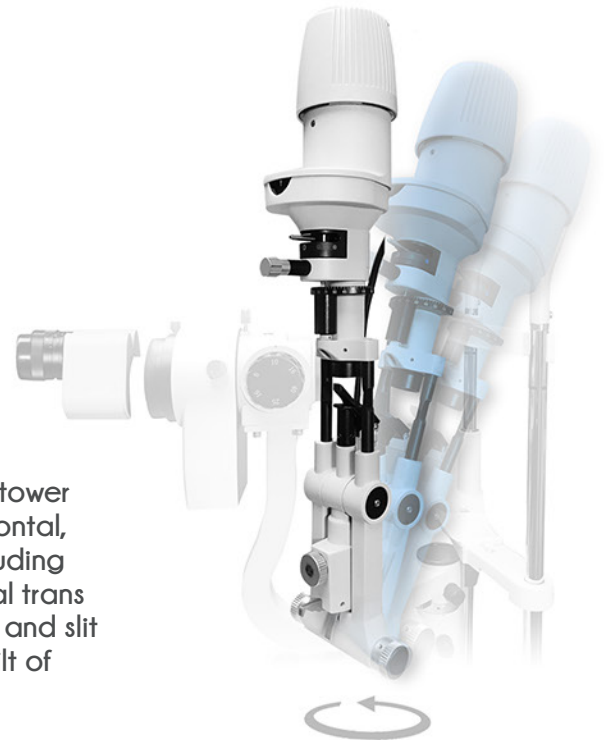


Fixation Lamp
Red LED 3.5V



LED Illumination System

CSL-10U LED illumination provides a steady 50,000 hours of working lighting time for observation, and optimum color rendition which allows maximum illumination during the observation.



Slit Angles:

CSL-10U features an illumination tower which allows examination in horizontal, vertical, and oblique section including option to offset the slit for corneal trans illumination. The illumination beam and slit angle of 0-180° & a slit vertical tilt of 5° 10° 15° 20°



Mirror Diffuser:

CSL-10U features a continuous 14mm aperture reading suitable for anterior and posterior segment examinations. Includes an illumination diffuser, where the light is spread evenly over the entire observed surface.



Features:

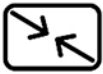
IMAX-5

IMAGING SYSTEM



Compact Size

Widely compatible to different brand model slit lamps.



Compatibility

Light and compact size camera with accurate and intelligent exposure.



Practicle Image Processing

This unique feature can meet most of the operator's demand.



Smart Auto Exposure

Professional solution makes the camera exposure, more accurate and intelligent.



- 5 megapixel resolution
- 1/2.5 inch CMOS
- High definition images & videos



Wireless Button

2.4Hz wireless solution, no aiming, fast reaction, and stable performance.
3V Energizer Battery Not Included



Easy USB Transfer

One Power cable and data line will produce data transmission quickly and easily. Neither hardware nor computer configuring is required.



User-Friendly Interface

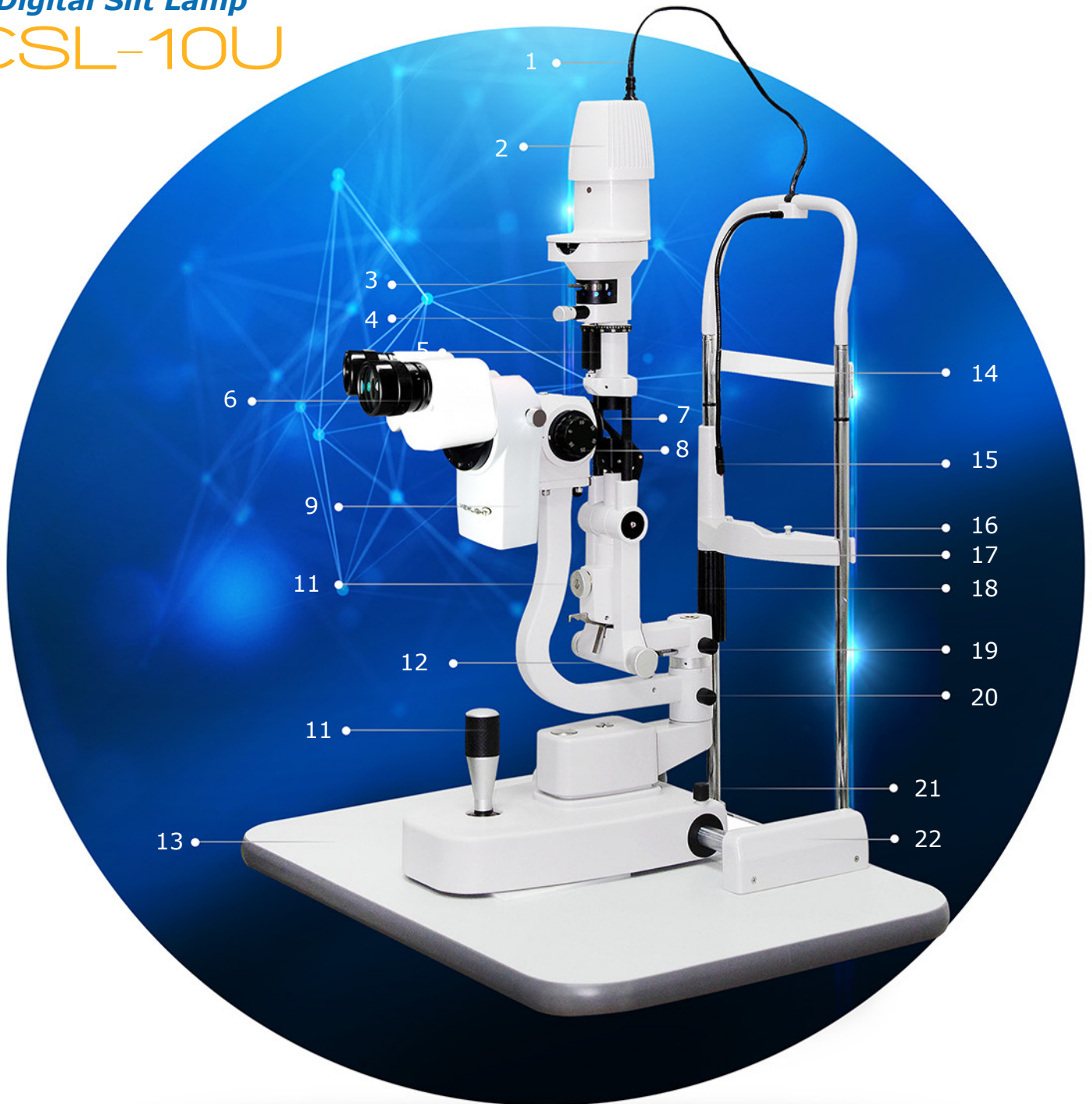
Simple design style and friendly interface help operators handle it quickly and efficiently.



Centralized Management

Professional patient information management platform is important to conduct centralized management for patient. This platform supports integrated function print.

Digital Slit Lamp CSL-10U



Overview

1. Lamp Cap Plug
2. LED Bulb Cover
3. Filter Selection Lever
4. Slit Height Control Knob
5. Aperture & Filter Selection Dial
6. Fixing Screw
7. Reflecting Mirror
8. Magnification Select Dial
9. Digital Camera IMAX-5 (Included)
10. Illumination Inclination Lever
11. Slit Width Control Knob
12. Joystick
13. WorkTabletop (Optional)
14. Brightness Control Switch
15. Fixation Target
16. Fixation Knob of Chinrest Paper
17. Chinrest
18. Elevation Adjustment Knob
19. Base Locking Screw
20. Microscope Arm Locking Knob
21. Device Base Locking Knob
22. Wheel Shields



Digital Slit Lamp CSL-10U

Digital Camera IMAX-5
(Included)



Product Specifications

Type:	Galilean system, Parallel type, Haag-Streit type
Magnification Changer:	Rotation Drum Change
Magnification:	6x, 10x, 16x, 25x, 40x
Eyepiece:	12.5x
Field of View:	6x (φ33) 10x (φ22) 16x (φ14) 25x (φ8.5) 40x (φ5.5)mm
Pupil Range:	52 - 82 mm
Diopter:	±7D

Illumination

Slit Width:	Continuous from 0 to 14 mm
Slit Length:	Continuous from 0 to 14 mm
Slit Angle	0° - 180°
Slit Aperture:	Continuous from 1 - 14 mm, φ14, 10, 5, 3, 1, 0.2 mm
Slit Vertical Tilt:	5° 10° 15° 20°
Filter:	Heat Absorption, Grey, Redfree, Cobalt Blue
Fixation Lamp:	Red LED 3.5V
Light Resource:	LED

Power Sources

Input Voltage:	100 - 240V 48 - 62Hz
Input Power:	70VA

Dimensions and Weight

Dimensions:	740*640*450 mm
Net Weight:	21kg
Gross Weight:	24kg

