

VIEWLIGHT
POWERED BY INNOVATION

NEW
P-SL2
Hand-Held Slit Lamp





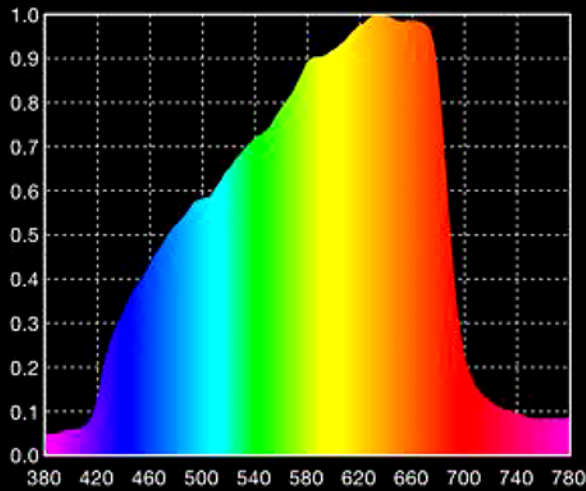
Portable Slit Lamp P-SL2

The NEW hand-held slit lamp **P-SL2** is an AC-powered slit lamp bio-microscope intended for use in eye examination of the anterior eye segment, from the cornea epithelium to the posterior capsule. Includes a forehead rest bracket designed to sustain support for all patients forehead between slit lamp to avoid any movement or shaking during diagnostics.



Product Application

P-SL2 is designed and used to aid in the diagnosis of diseases or trauma which affects the structural properties of the anterior eye segment. Portable slit lamps lens are all processed with prevent reflection, moisture proof and mildewproof coating, always maintain good optical quality.



Internal Functions

The P-SL2 slit lamp features a maximum brightness of slit lamp is 300000lux, and it's continuously brightness control. It is intended for the use in the electromagnetic environment, uses RF energy only for its internal functions. P-SL2 device should be used with filters, therefore it eliminates UV radiation ($< 400\text{nm}$) and also eliminate short wave length blue light ($< 420\text{nm}$).



Accurate Measurements

- Inspects the illness of anterior segment and intracocular part
- Smooth Illumination System
- Pupil Distance of 45mm~78mm
- Diopter Adjustment Level



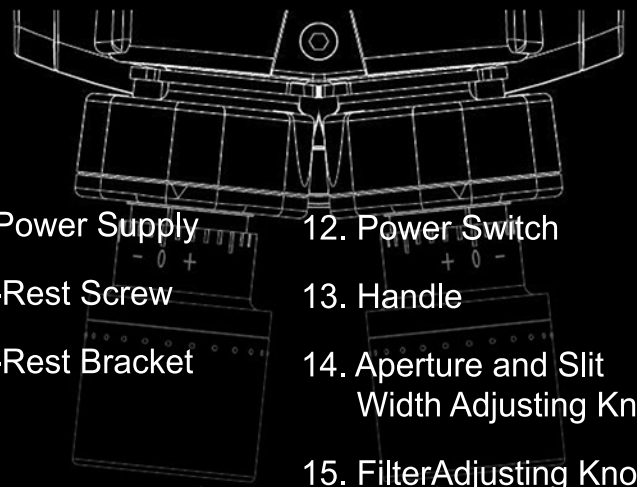
Slit Lamp Features

- Objective magnification changer 10 \times , 16 \times
- Rotating Slit Wheel Selection Slit Lamp
- USB Port Connectivity
- Wireless Working Mode
AA Battery - Not Included



Product Overview

1. Eyepiece
2. Diopter Adjustment
3. Pupil Distance Adjustment
4. Objective Magnification Changer (10x, 16x)
5. Brightness Adjusting Knob
6. Charging Power Supply
7. Forehead-Rest Screw
8. Forehead-Rest Bracket
9. Indicator
10. Reflector
11. Hard Carry-on Case
12. Power Switch
13. Handle
14. Aperture and Slit Width Adjusting Knob
15. Filter Adjusting Knob
16. Slit Angle Adjuster





Product Specification:

Microscope

- Type Binocular Hand Held Biomicroscope Slit Lamp
- Eyepiece Converging binocular at 13°
- Total Magnification 10x and 16x
- Diopter Adjustment -8D ~ +8D
- Visual Field 10x: 15mm 16x: 10mm
- Pupil Distance Adjustment 45mm~78mm
- Working Distance (WD) 80mm

Illumination

- Slit Length 12mm
- Slit Width 0.1mm, 0.2mm, 0.8mm, Ø1mm, Ø5mm, Ø12mm
- Slit Angle Horizontal $\pm 60^\circ$
- Filter Neutral Density Red-free, Cobalt blue
- Illumination Angle On the level circumference
30 degree
- Light Source High brightness white LED
- Brightness $\geq 300000\text{Lux}$

General

- Dimensions 169.5 mm x 109.5 mm x 228.5 mm
- Weight $\leq 900\text{g}$ (with battery)
- Battery Type Rechargeable lithium-ion battery
- Rated Capacity 7.4V/680mAh
- Operation Time 2 hours (full charge with maximum illumination)
- Battery Rated Input AC 100-240V 50/60Hz
- Charging Output DC 804V/600mA
- Electric Shock Protection Type Internal Battery Type

