

Main Slit Lamp

New Designed
Solutions



HS-1S/HS-2S

Basic Diagnostic



HS-1S Optics(3X)



HS-2S Optics(5X)



Parallel type, Galilean system

Superior optic quality, provides stereoscopic and comfortable view

With broad beam, wild field and high depth of field

Warm LED Illumination, Better Conformity, Longer Life Time

Work 50 thousand hours, and suitable for human tissue.

Precision Machining Makes Smooth and Flexible Movement

Brightness Control Continuously

Interface for laser and applanation tonometer reserved

HS-3S(Type C)

Digital Imaging System

Fashion Design
Adopt CCD imaging
Technology



With elegant appearance.

Optional :
Dry eye diagnostic module can be added on.

Basic Diagnostic

HS-1S / HS-2S

Technical Parameter

Model Items	HS-1S	I	HS-2S	I	HS-3S Type C
Optical Part					
Microscope Type	Galilean Type System				
Magnification Changer	Revolving Drum				
Magnification	10X, 16X, 25X		6X, 10X, 16X, 25X, 40X		
Eyepiece Magnification	12.5x				
Visual Angle of Eyepiece	13°				
PD Range	52mm-85mm				
Diopter	±7D				
Visual Field Diameter	HS-1S: 10X(22mm), 16X(14mm), 25X(8.5mm) HS-2S & HS-3S: 6X(33mm), 10X(22mm), 16X(14mm), 25X(8.5mm), 40X(5.5mm)				
Base, Headrest & Power Unit					
Base unit operation	Single-handed joystick operation for forward-backward, left-right, up-down movement.				
Movement range	105 mm (forward-backward, left-right), 30 mm (up-down)				
Fine movement range	20 mm (forward-backward, left-right)				
Chinrest movement range	90 mm				
Fixation light	LED (red)				
Power supply	AC 100-240 V (±10%)				
Illumination Part					
Illumination Type	Tower Type				
Light Source	Warm LED				
Brightless control	Continuously adjustable				
Illumination tilting	5°, 10°, 15°, 20°				
Slit Width	0mm-14mm continuously adjustable				
Slit Height	1mm-14mm continuously adjustable				
Slit Angle	0°~180°continuously adjustable				
Slit Aperture Size	Φ0.2, Φ1, Φ3, Φ5, Φ10, Φ14 (mm)				
Filter	Heat Absorption, Grey, Redfree(Green), Cobalt Blue				
Imaging system					
Image collector	/		/		Medical Grade CCD
Image diaphragm	/		/		●
Eyepiece Splitting Ratio	/		/		50%
Camera Splitting Ratio	/		/		50%
Coaxial Background illumination	/		/		●
Synchronous flash compensation system	/		/		●
DICOM Connectable	/		/		●

* Voltage: 100~240V 48~62Hz Compatible