

Slit Lamp Microscope

SL7DL / SL7DSL



Häns Heiss



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HD Optical System

Optical resolution is up to 200 lp/mm(2700·N lp/mm), providing more details of the pathologies



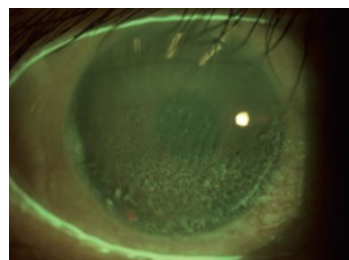
LED Illumination

The light of MediWorks LED lamp is very similar to halogen lamp, which conforms to the operating habit of doctors. The LED lamp MediWorks applied has a low color temperature and high illumination intensity, making view of retina without glare-colors much more vivid and view of cornea with nerves pop out better. The LED lamp has a longer life span and consumes less energy.



Built-in Yellow Filter

Built-in yellow filter along with cobalt-blue filter increases the contrast of Sodium Fluorescein Staining image. Increase positive rate of early corneal epithelial staining.



Easier Installation

Compact control panel with built-in power supply makes it much easier to install the slit lamp especially when installing the slit lamp on an ophthalmic unit. Users do not need to find place to install the chunky power box.

Imaging Solution

It's easy to upgrade your S360/S360S to a Digital Slit Lamp with Firefly Digital Module Kit (Firefly Digital Camera, Beam Splitter, MediView Software, USB Cable, Background Illumination Module).



Firefly Digital Camera + Beam splitter



MediView



USB cable



Background Illumination Module

Optional Accessories



Metal Plate
(work with refraction units)



Instrument Stand Pin
(work with US style instrument stand)



Measuring Eyepiece



Observation Tube

Specifications

Microscope	SL7DL	SL7DSL
Microscope Type	Galilean Type	
Magnification Change	Revolving drum 5 steps	Revolving drum 3 steps
Total Magnification	6.3X, 10X, 16X, 25X, 40X	10X, 16X, 25X
Optical Resolution	2700·N lp/mm (200 lp/mm)	
Eyepieces	12.5X	
Angle between Eyepieces	10°	
Pupillary Adjustment	52mm-80mm	
Diopter Adjustment	-8D~+8D	
Field of View	Ø36.2mm, Ø22.3mm, Ø14mm Ø8.9mm, Ø5.7mm	Ø22.3mm, Ø14mm, Ø8.9mm
Slit Illumination		
Slit Width	0~14mm continuous (slit becomes a circle at 14mm)	
Slit Length	1~14mm continuous	
Aperture Diameters	Ø14mm, Ø10mm, Ø5mm, Ø3mm, Ø2mm, Ø1mm, Ø0.2mm	
Slit Angle	0°~180°	
Slit Inclination	5°, 10°, 15°, 20°	
Filters	Heat-absorbing filter, ND filter, Red-free filter, Cobalt blue filter, Built-in yellow filter	
Lamp	LED	
Luminance	≥150klx	
Power Supply		
Input Voltage	~100V~240V	
Input Frequency	50Hz/60Hz	
Rated current	1.2A	
Output Voltage	LED 3V, Fixation 15V	
Packaging		
Dimension	740mm x 450mm x 530mm(L/W/H)	
Gross weight	23kg	
Net weight	17kg	



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