

Monitorized Focusing Digital Slit Lamp Microscope

SL9DL

LED

SL9DH

HALOGEN



Hans Heiss



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Monitorized Focusing Digital Slit Lamp Microscope

- Simply Capture Every Key Moment
- Adjustable Aperture+ HDMI Output
- Simple Design+ Simple Operation
- Quick Capture Button + Coaxial Illuminator

FEATURES

Simple Design + Simple Operation.

The smart design largely saves space for doctors compared with built-out camera. We have preset many camera setups so the user does not need to set many parameters before using the device.

The user can operate the machine directly once the installation has been finished.

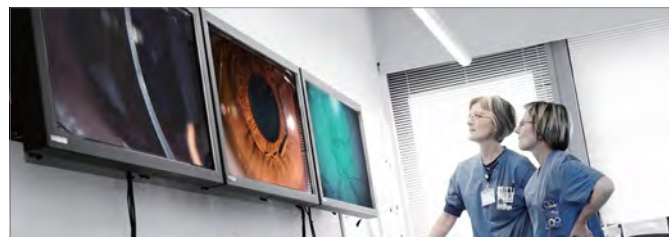
The device carries following automatic functions for photo shooting and processing when equipped with our MediView software:

- Auto Focus/ISO
- Auto Exposure
- Auto White Balance
- Right/Left Eye indicator
- Auto Focusing Calibration



Adjustable Aperture

The aperture can be adjusted at 6 different levels to meet different view of depth and brightness demands.



HDMI output

The HDMI output can be used to connect the SL9DL/SL9DH slit lamp with monitor. The doctors can share the live eye examination status simultaneously with patient's family members or students for teaching purpose.



Quick Capture Button

There is a quick button on the control panel that enables doctors to shoot photos conveniently. Once they observe the suitable photo to describe pathology, just press the capture button and the photo will be recorded.



Coaxial Illuminator

The new LED illuminator is positioned coaxially to the microscope. It provides an adjustable circular beam of light to enhance the digital capturing effect.



Easier Installation

Our compact control panel with built-in power supply makes it much easier to install the slit lamp especially when installing the slit lamp on a ophthalmic unit. The users do not need to find place to install the chunky power box.



Less Cables with Extra USB Port

When applying the new control panel, there will be less cables exposed outside. Extra USB port is provided to charge other medical device.

SPECIFICATIONS

Microscope

Microscope	Galilean Type
Magnification Change	Revolving Drum
Total Magnification	6X, 10X, 16X, 25X, 40X
Eyepieces	12.5X
Angle between Eyepieces	13°
Pupillary Adjustment	52 mm-78 mm
Diopter Adjustment	±6.0 D
Field of View	Φ34.7mm(6X), Φ22mm (10X) , Φ13.5mm(16X), Φ8.5mm (25X) , Φ5.5mm(40X)

Slit Illumination

Slit Width	0~14 mm continuous (slit becomes a circle at 14 mm)
Slit Length	0~14 mm continuous
Aperture Diameter	Φ14 mm, Φ10 mm, Φ5 mm, Φ3 mm, Φ2 mm, Φ1 mm, Φ0.2 mm
Slit Angle	0°~180°
Slit Inclination	5°, 10°, 15°, 20°
Filters	Heat-absorbing filter, ND filter, Red-free filter, Cobalt Blue filter
Lamp	6V/20W Halogen Lamp

Digital Module Specification

Image Sensor	500 Pixels
Photo Resolution	2592 X 1944
Format	JPEG
Video Resolution	1280 X 960
Frame of Video	25 fps
Video Formats	MP4
Focus Mode	Auto Focus
Exposure	Auto Exposure,Auto Gain
Transmission Interface	Standard USB Port

