firefly

Motorized Focusing Digital
Slit Lamp Microscope
S390L/S390H
Simply Capture Every Key Moment

Firefly

Simple Design + Simple Operation

The design was inspired from the shape of firefly. 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
Auto Exposure
Auto Gain
Auto White Balance
Auto OS/OD Indicator
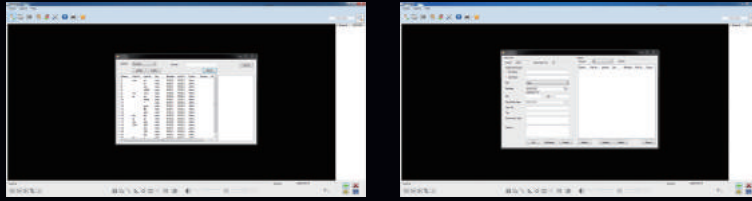
Adjustable Aperture

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 S390H/S390L slit lamp with monitor. The doctors can share the live eye examination status simultaneously with patient's family members or students for teaching purpose.
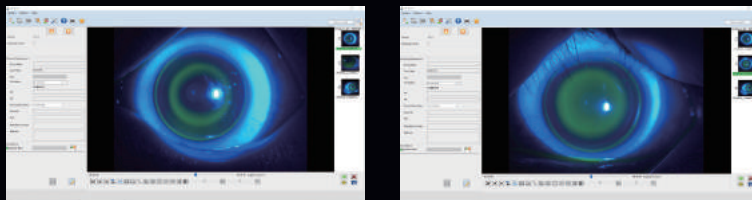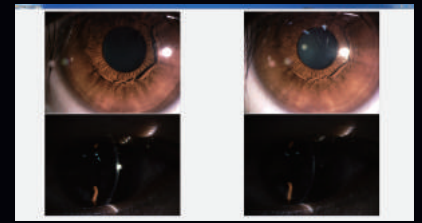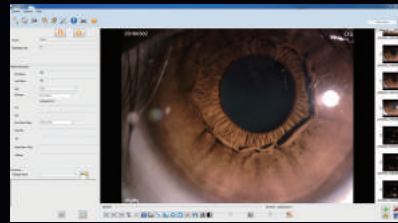
MediView Software

Convenient Patient Management

The patient management system enable doctors to build up and edit patient record, search information by inputting key words.Doctors can easily record symptoms and manage the data all the time.
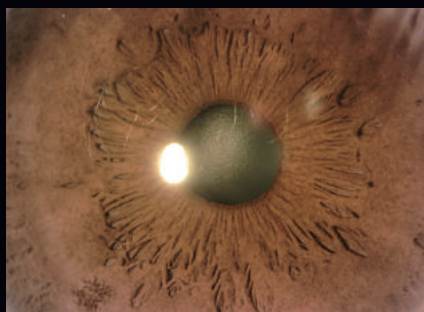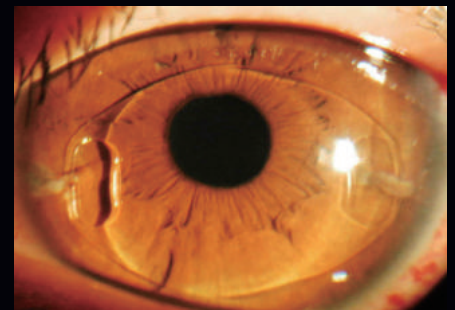
Functional Image Processing

Doctors can measure the pathology area with our powerful software tools and change the contrast and brightness of the images. Doctors can also compare several images at one time to analysis the symptoms and pathology.

Orthokeratology Treatment Assistance

The doctors can collect and store high resolution fluorescein photos and real time video without recording time limit. Doctors can compare the photos and videos of patients' wearing different lenses to decide the most suitable lens for each patient.

Image Gallery

Specification

Microscope	S390L/S390H
Microscope Type	Galilean Type
Magnification Change	Revolving Drum(5 or 3 steps)
Total Magnification	6X, 10X, 16X, 25X, 40X
Eyepieces	12.5X
Angle between Eyepieces	13°
Pupillary Adjustment	52mm-78mm
Diopter Adjustment	±6D
Field of View	Ø34.7mm, Ø22mm, Ø13.5mm, Ø8.5mm, Ø5.5mm

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
Lamp	3V LED Module (S390L) ; 6V/20W Halogen Lamp (S390H)
Luminance	≥60KLX (S390L) ; ≥50KLX (S390H)

Power Supply	
Input Voltage	220V/110V~±10%
Input Frequency	50Hz/60Hz
Power Consumption	10VA (S390L) ; 30VA (S390H)
Output Voltage	Lamp 6V, Fixation 3V

Packaging	
Dimension	770mm x 470mm x 570mm(L/W/H)
Gross weight	26kg
Net weight	18kg

System Specification	
Image Sensor	5.0M Pixels
Photo Resolution	2592 x 1944
Format	JPEG
Video Resolution	1280 x 960
Frame of Video	25fps
Video Formats	MP4
Focus Mode	Auto Focus
Exposure Mode	Automatic exposure, Automatic gain
Transmission Interface	USB 2.0 High-Speed 480 Mpbs Port

CE FDA Approval

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Details Make the **Difference**