



**Slit Lamp Microscope**  
**ESL5H / ESL3H**



## HD Optical System

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



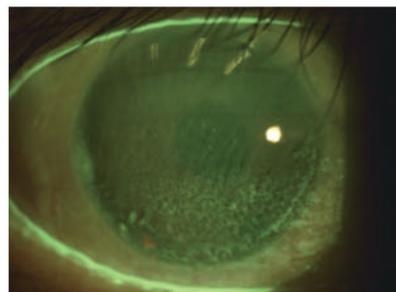
## LED Illumination

The light of Eyevis LED lamp is very similar to halogen lamp, which conforms to the operating habit of doctors. The LED lamp Eyevis 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 ESL5H/ESL3H 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	ESL5H	ESL3H
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	<b>12.5X ( Wide Field, High Eye Point )</b>	
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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