

Model: LSi5



Slit Lamp Variants:

LSi5, Slit Lamp Biomicroscope | 5 step New Optics with inbuilt Yellow filter | LED.

LSi5, Slit Lamp Biomicroscope | 5 step New Optics with inbuilt Yellow filter | LED | Digital System with Software



Quality Optics

Uniquely designed optical system makes Optitech slit lamp be able to project very sharp and homogeneous slits and apertures. Doctors can obtain closer observation through Optitech slit lamps and see all kinds of pathologies clearly.

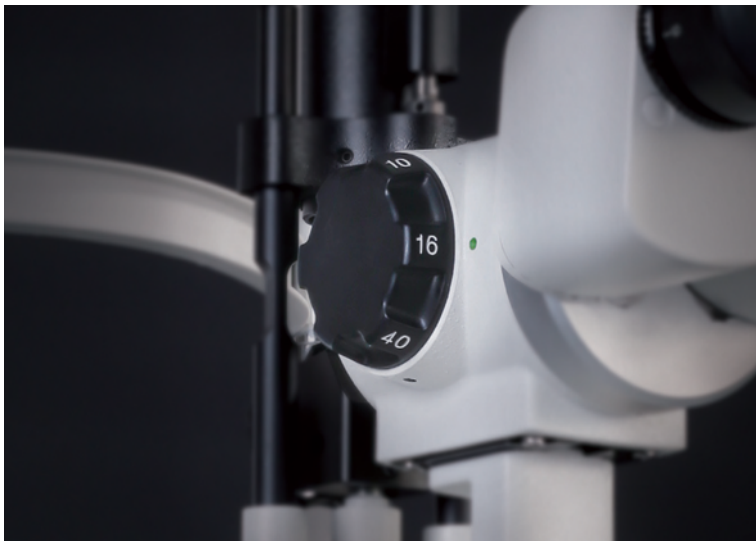
As a result, the diagnosis becomes easier for the doctors who can dedicate more time and energy to the treatment for the patients.



LED Illumination

The light of Optitech LED lamp is very similar to halogen lamp, which conforms to the operating habit of doctors.

The LED lamp Optitech 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.



Rotational Drum

Optitech Slit Lamps provide rotational drums for doctors to switch between different magnifications. The scales are engraved by laser and durable for long time use.

Offers 5 magnifications (6X,10X,16X,25X,40X)



Dedicated to Details

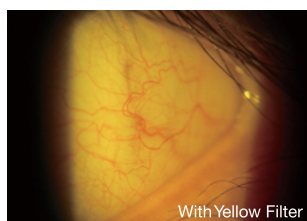
Optitech pays full attentions to every detail in the design of slit lamps to deliver good user experience. Doctors can control the illumination knob simultaneously with the little finger without making hands leave the joystick.

Accessories

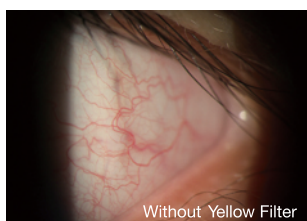


Yellow Filter Module

Doctors can observe images at higher contrast with this yellow filter. As you can see from the comparison, the eye tissues look sharper under yellow filter. The filter can be mounted or took off easily from our slit lamp.



With Yellow Filter

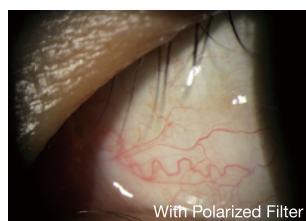


Without Yellow Filter

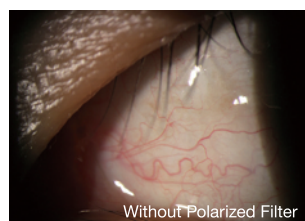


Polarized Filter Module

Equipped with this module on slit lamp, doctors can see more clear image of eyes as the filter can reduce the light reflected from cornea. The filter can be mounted or took off easily from our slit lamp.



With Polarized Filter



Without Polarized Filter



Metal Plate (work with refraction units)

When placing a slit lamp on a refraction unit, it is suggested to use Optitech metal plate for easier installation. With smart size design, it is easy to move the whole suite of slit lamp from one refraction unit to another without drilling any screw holes on the table tops.



Instrument Stand Pin (work with US style instrument stand)

This instrument stand pin is specially designed to install Optitech slit lamps onto US style instrument stands. The diameter of the joint pin is 19mm, compatible with most of the instrument stands. With this pin the slit lamp table top can be installed to the lower slit lamp arm of instrument stand.



Observation Tube

Connected through beam splitter, the observation tube enable another medical staff to observe the patient's eye condition from the slit lamp. It is good for teaching education purpose.

Specification

Microscope

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
Luminance	≥60KLX

Instrument Base

Longitudinal Movement	110mm
Lateral Movement	110mm
Vertical Movement	30mm
Fine Base Movement	15mm

Chin-rest

Vertical Movement	80mm
Fixation	LED

Power Supply

Input Voltage	220V/110V~±10%
Input Frequency	50Hz/60Hz
Power Consumption	10VA (max)
Output Voltage	Light 3V Fixation 3V

Packaging

Dimension	770mm x 470mm x 570mm(L/W/H)
Gross weight	24kg
Net weight	16kg

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