



iS7 Series
SLIT LAMP
MICROSCOPE

**SHARPER VISION,
SMARTER DIAGNOSIS.**

OVERVIEW

SEEING IS
BELIEVING!



HD OPTICAL SYSTEM

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



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.



THE MEIBOMIAN GLANDS EXAMINATION

Patient's Meibomian gland observation is supported by the unique infrared light source module.

SIMPLE DESIGN + SIMPLE OPERATION

The design was inspired from the shape of firefly. The smart design largely saves space for clinicians compared other bulky camera systems. We have preset many camera parameters so the user does not need to adjust settings before using the device. The user can operate the machine immediately once the installation has been finished. The device has the following automatic functions for photo shooting and processing when equipped with our software:

- Wide Dynamic Range
- Meibomian Glands Examination
- Auto Exposure
- Auto Gain
- Auto White Balance
- Auto OD/OS Indicator



SOFTWARE FEATURES



4056 X 3040



2592 X 1944



30FPS

- CONVENIENT PATIENT MANAGEMENT
- FUNCTIONAL IMAGE ANALYSIS
- ORTHOKERATOLOGY LENS FITTING ASSISTANCE
- CUSTOMIZED AUTO EXPOSURE VALUE SETTING
- SMART PATIENT MANAGEMENT SYSTEM



EYECARE | MEDICAL DEVICES | SKILL DEVELOPMENT

SPECIFICATIONS

SEEING IS
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SPECIFICATIONS

	iS7 SLIT LAMP MICROSCOPE		iS7 SLIT LAMP MICROSCOPE (DIGITAL)	
MICROSCOPE				
Microscope Type	Galilean Type			
Magnification Change	Revolving Drum 5 steps			
Total Magnification	6.3x,10x, 16x, 25x, 40x			
Eyepieces	12.5x			
Angle between Eyepieces	10°			
Pupillary Adjustment	52 mm - 80 mm			
Diopter Adjustment	-8D +8D			
Field of View	Ø36.2 mm, Ø22.3 mm,			
	Ø14 mm, Ø8.9 mm, Ø5.7 mm			
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, Ø2 m, Ø0.2mm			
Slit Angle	0° ~ 180°			
Slit Inclination	5°, 10°, 15°, 20°			
Filters	Heat absorbing filter, ND filter,			
	Red free filter, Cobalt Blue filter,			
	Yellow filter built-in			
Lamp	3V LED Module			
Luminance	> 150KLX			
POWER SUPPLY				
Input Voltage	110V-220V			
Input Frequency	50Hz/60Hz			
Output Voltage	3V LED, Fixation 5V			
PACKAGING				
Dimension(L/W/H)	770mm x 470mm x 570mm			
Gross Weight	23kg			
Net Weight	17kg			
PHOTO SYSTEM SPECIFICATIONS				
Image Sensor	●		12 M Pixels	
Photo Resolution	●		4056 x 3040	
Format	●		JPEG	
Video Resolution	●		2592 x 1944	
Frame of Video	●		30fps	
Video Format	●		MP4 H.264	
Exposure Mode	●		Automatic exposure	
Transmission Interface	●		USB 3.0 TYPE - C	
COMPUTER SPECIFICATIONS				
PC configuration	i5 - 10500T 8GB memory 256GB SSD + 1TB storage			
Display	1920x1080 23.8 inch			
PC system	Windows 10			

OPTIONAL ACCESSORIES



Co-observing
Tube



Applanation
Tonometer



Instrument Table



Diagnostic Lenses

SHARPER VISION,
SMARTER DIAGNOSIS



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Pursuing excellence since 1985



HOW TO PLACE AN ORDER?

Option 1: Go to our website www.optitecheyecare.com

Option 2: Email us at info@optitecheyecare.com

Option 3: Contact us via WhatsApp at +91 8176080204 or +91 9335154556



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Note : The specifications are subject to change without prior notice for improvement purpose.



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