

YZ5S Digital Slit Lamp Microscope



The product can easily capture sharp digital photos of the cornea, sclera, anterior chamber, iris, lens, retina and so on.

Features

- ◆ Professional image capture device

Single Lens Reflex which is used as the professional image collecting device, is the best choice for the ophthalmic shooting for its sensitive capture to light and color and its complete adjusting functions.

The product can capture clearer images benefit from the real time 3 inch LCD.

- ◆ Eye details at a glance

The product can clearly observe not only the ocular surface and anterior segment, but also posterior lens capsule, and can even capture fundus lesions through slit lamp previa.

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The product can be directly connected to printer(optional).

◆ Exquisite technology

The optical system is designed dedicated to anterior segment photography to obtain broad field of view and clear image. The details of the lesions can be observed through 14mm of aperture diameter, 5-step magnification change and the maximum 40 × magnification.

◆ Clear image

18 megapixels could clearly provide all the details and meet the harsh requirement to the image.

Specifications

Microscope	
Microscope type	Gauleo magnification changer with converging
Magnification Change	Five-steps by drum rotation
Eyepiece	12.5×
Magnification ratio (Field of view)	6×(Φ32mm), 10×(Φ22.5mm), 16× (Φ14mm), 25×(Φ8.8mm), 40×(Φ5.5mm)
Range of pupil distance	45 mm ~ 75 mm
Adjustment of diopter	-5D ~ +3D
Slit Illumination	
Slit width	continuous from 0~14mm (slit becomes a circle at 14mm)
Slit height	continuous from 1~14mm
Aperture diameter	Φ14mm, Φ10mm, Φ5mm, Φ2mm, Φ1mm, Φ0.2mm
Slit angle	0° ~ 180° adjustable
Slit inclination	5°, 10°, 15°, 20°
Filter	Heat absorption, grey, red-free, cobalt blue

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Illumination bulb	12V/30W Halogen Bulb
Maximum illumination	≥280000 Lx
Preceding mirror	- 58.7D
Imager	Single Lens Reflex Camera
Illuminations type of filming	Background Light
Power& Accessory	
Input Voltage	AC 220V /110V ±10%
Electrical Safety Standard	IEC 60601 - 1, Class I, Type B
Optional Accessories	Applanation tonometer, measuring eyepiece, trihedron lens, gonioscope, funduscope, aspheric lens

Compared with YZ5T

Model	YZ5S	YZ5T
Dynamic Display	LCD Screen Real-time Dynamic Display	LCD and Computer Screen Real-time Dynamic Display
Table	YT2A	YT2GA
Packing Volume	720mm×495mm×480mm	720mm×495mm×480mm
Total Weight	24 Kg (table not included)	24 Kg (table, tabletop and computer not included)
Processing Function	None	Length, angle, area measuring, arrowhead, word adding, image processing.

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