

**Table of Specification for YSX series Operation Microscopes:**

Item	YSX-101 LED	YSX-102 LED	YSX-120 LED	YSX-130 LED
Binocular obseration	Straight	45° Tilted	Straight	45° Tilted
Magnification of Observation	6X			
Value on handwheel for Magnification changer	3-step magnification change: 06X, 1X, 1.6X			
Focal length of objective	2 objectives: F=200,250 mm			
Optional objective	2 objectives: F= 300,400 mm			
Total magnification	2.4X-12X			
Beamsplitter	No		Optional:50:50 Beamsplitter	
Demonstrator			Optional:6X Monocular	
TV adapter			Optional:C-mount 1/3 inch CCD attachable	
Photo adapter			Optional	
Fine focusing range	10mm			
Filter	Built-in green and yellow filters			
Balancing arm	2-part arm		2-part arm, counterweight adjustable	
Illumination system	10W LED			
Stand	2-part column fitted on the five-star base			
Linear field/mm	15.8-81			



**ALLTION**



ALLTION is proud to offer YSX series of operation microscopes. Precise structure, new type of appearance and LED illumination system, offer you excellent parfocal, large field view, precise and clear three dimensional images. YSX series of operation microscopes have different working distance and magnification and suitable for the department of ophthalmology, stomatology, gynaecology, ENT and surgery.

Items and specification subject to change, please contact ALLTION for current product information.

Microscopes are our business & Service is our pride.



YSX-102 LED

**ALLTION**

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## FEATURES/SPECIFICATIONS

- \* YSX-101 LED: Straight binocular head/ YSX-102: 45° inclined binocular head
- \* 1500mm Super long pantograph arm offers wider operation space
- \* Different working distance objectives:  $f=200\text{mm}$ 、 $f=250\text{mm}$
- \* Smooth turret 3-step magnification pod
- \* Field diameter: 7.88mm–81mm
- \* Magnification: 2.4X–12X
- \* Green and blue filter selected by a lever
- \*\* Optional magnification/different objective combination provided
- \* The top 10W LED illumination
- \* 20,000 hours LED lifespan
- \* 50,000 LUX object illumination
- \*\* LED is lower energy consumption, longer lifespan, safer, more dependable than normal halogen illumination.
- \* Power supply voltage: 90V/60Hz ~ 250V/50Hz



YSX-101 LED

### Optional accessories

- \* Table mount
- \* Wall mount
- \* objectives:  $f=300\text{mm}$ 、 $f=400\text{mm}$



Table mount



Wall mount

## FEATURES/SPECIFICATIONS

- \* YSX-120 LED: Straight binocular head/ YSX-130: 45° inclined binocular Head
- \* Beam splitters, various kinds of adapters and image processing unit are provided
- \* 1600mm Super long pantograph arm offers wider operation space
- \* Different working distance objectives:  $f=200\text{mm}$ 、 $f=250\text{mm}$
- \* Smooth turret 3-step magnification pod
- \* Field diameter: 7.88mm–81mm
- \* Magnification: 2.4X–12X
- \* Green and blue filter selected by a lever
- \*\* Optional magnification/different objective combination provided
- \* The top 10W LED illumination
- \* 20,000 hours LED lifespan
- \* 50,000 LUX object illumination
- \*\* LED is lower energy consumption, longer lifespan, safer, more dependable than normal halogen illumination.
- \* Power supply voltage: 90V/60Hz ~ 250V/50Hz
- \* DC12V output on the instruments and supply the power for CCD camera

YSX-120 LED



YSX-130 LED

### Optional accessories:

- \* Assistant scope
- \* Beam splitter
- \* CCD adapters
- \* SLR digital camera adapter
- \* objectives:  $f=300\text{mm}$ 、 $f=400\text{mm}$