

HST-JSZ8W Computerized Continuous Zoom Stereo Microscope



Overview

The HST-JSZ8W computer-type stereo microscope is a trinocular continuous zoom stereo microscope. The classic design of the machine makes the body more stable, excellent optical performance, complete accessories, and diverse combination configurations to meet the needs of modern biology, medicine, scientific research, online detection of modern electronics industry.

- **High quality optical system**

Optical components coated with special coatings create a high-quality optical system.

- **Greater range of magnification**

Continuous zoom objective lens 0.7X~4.5X (6.4:1), standard magnification 7X~45X; optional eyepiece and auxiliary objective lens can achieve 3.5-90X magnification.

- **Super long effective working distance**

The effective standard working distance reaches 100mm, and the optional auxiliary objective lens will expand the working distance to 26mm~287mm, creating enough space for use.

Main Specifications

Item	Specification	HST-JSZ8W
Observation tube	Trinocular observation tube. 45° tilt	●
Eyepiece	High eye point wide field eyepiece WF10X/20mm	●
Objective lens	0.7X-4.5X/100mm, to achieve the total magnification: 7-45X	●
Auxiliary objective lens	0.5X/165mm : to achieve a total magnification of 3.5-45X	O
	2X/30mm. : Realize the total magnification 7-90X	O
Viewable range	Under 0.7X objective lens: field of view 28.6mm Optional 0.5X auxiliary objective lens can achieve 57.1mm.	●
Standard Focusing Frame	A1 focusing mirror frame, steel ball guide rack rack focusing mechanism, adjustable focusing handwheel, lifting range: 50mm, bracket stroke: 48.5mm, mirror body aperture: 76mm; center distance: 155mm.	●
Base	B5 column-type large flat base, column height 260mm, column diameter $\phi 32$ mm, (matched with all focusing lens frames). Base size: (L) 230*(W) 180mm.	●
External light source	56 LED ring lights with adjustable brightness	●
Camera device	FEC2 5 million Sony chip camera device	●
	FCL-RS image measurement software	
	0.5X adapter lens interface	
Micrometer	High-precision micrometer (grid value 0.01mm)	O
Computer	Brand business machine	O

Note: "●" is the standard configuration; "O" is the option