



**Product Code . JL-M-8125**

## Super Widefield Digital Zoom Stereo Microscope

### Description

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Super Widefield Digital Zoom Stereo Microscope

#### Description:-

Designed to be outfitted with a variety of lens accessories to increase or reduce magnification.

A fully coated optical system which provides sharp and clear imaging with extreme good flatness and contrast.

With a large zoom range and long-working distance.

The trinocular model synchronizes imaging for eyepiece observation and digital imaging.

It can produce the best reproduction and true color imaging.

Ideal for high-magnification, high-resolution observation in biological research, semi-conductor and other precision-oriented industries.

Dustproof, moisture-proof, unable to be disassembled, built-in digital chip and integrated design.

#### Specification:-

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Magnification	Standard magnification: 6.6X~50X. Magnification range can be 3.3X~200X with auxiliary objectives and eyepieces
Viewing Head	Binocular Digital, 45° inclined and 360° rotatable. Interpupillary distance adjustable from 54mm-76mm.
Eyepiece	10X wide-field high eyepoint Two diopter adjustment of +/-5 on both eyepieces Paired 10X/23mm, optional eyepieces WF20X/12mm and reticle eyepieces WF10X/23mm available (not included) Eyeshades on both eyepieces The eyepieces can be locked on with setscrews to prevent students from removing them.
Zooming Body	Standard objective zooming magnification: 0.66X ~ 5X, Zoom ratio: 1:7.6, parfocal, working distance 110mm Ergonomically positioned dual, graduate, bilateral zoom control knobs Auxiliary objectives: 0.5X/189mm working distance, 2.0X/36mm working distance available (not included)
Working Distance	Standard working distance of 110mm, working distance range 36mm~189mm with auxiliary lens
Focusing Arm	Heavy duty rack and pinion focusing with slip clutch Two focusing knobs with tension adjustment, 140mm focus distance range
Stage	Includes one 99.5mm glass stage plate and one 99.5mm reversible black/white stage plate. Locked-on spring-mounted stage clips 2D Travelling stage available (not included)
Illumination	Top light: diagonally adjustable top incident 3W LED light. Brightness can be continuously adjusted independently Bottom light: transmitted 3W LED light. Brightness can be continuously adjusted independently Built in illumination system allows three ways of illumination: transmitted, incident, or dual lighting. Top and bottom lights are controlled respectively
Imaging	Trinocular head available 20/80 light splitting ratio. Trinocular synchronization imaging, eyepiece observation synchronized with digital imaging. The split ratio can be adjusted. Built in digital Camera, dependable performance and convenient operation.
Digital Camera	Dustproof, moisture-proof, against disassemble, built-in digital chip, integrated design Resolution: 5.0MP Image device, 1/2" CMOS colorful USB2.0 connection, without external power supply Data output: 480mps Included software: OPTPro Available for WINDOWS 2000/ XP/7/Vista system

### **Optional Auxiliary Lens and Eyepieces**

Auxiliary Lens	Objective	Working Distance	10x Eyepiece			20x
			Total Magnification	Field Diameter (mm)		
Standard	1X	110mm	6.6X - 50X	34.8 - 4.6		

JLab	0.5X	189mm	3.3X - 25X	69.7 - 9.2		
JLab	2.0X	36mm	13.2X -100X	17 - 2.3		