



Product Code . JL-M-8132

Trinocular Zoom Stereo Microscope 3.3x-90x Magnification

Description

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Description:-

This stereo microscope offers ergonomic features such as synchronized bi-lateral inter-pupillary distance adjustments.

With a large zoom range and long-working distance, it can produce the best reproduction and true color imaging.

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

The trinocular model with a digital camera is excellent for photo microscopy or to connect to an LED screen.

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

The long track stand provides a long working distance, to offer flexibility when working with small or large samples.

The fully coated optical system which provides a sharp and clear imaging with extreme flatness and contrast.

The compact, thin design of the large base provides added comfort for the user and allows sample positions to remain low, which provides easy access to variable light controls.

Specification:-

Eyepiece:-

10x wide-field, high eyepoint.

Two diopter adjustment of +/-5 on both eyepieces.

Paired 10x/22mm (Optional eyepieces WF15x/16mm, WF20x/12mm, Various reticle eyepieces WF10x/22mm available, not included).

Viewing Head:-

Trinocular head, (50/50 split ratio), 45° inclined and 360° rotatable.

Interpupillary distance adjustable from 54mm-76mm.

Magnification:-

Total magnification: 6.7x-45x, the magnification range can be changed to 3.4x-90x with the auxiliary lens and optional eyepieces.

Zooming Body:-

Standard objective zooming magnification range: 0.67x-4.5x, Zoom ratio: 1:6.7, Parfocal working distance: 105mm.

Auxiliary lens: 0.5x/177mm (working distance), 2x/26mm (working distance).

Working Distance:-

The standard working distance of 105mm, working distance range can be enlarged to 26-177mm with the auxiliary lens.

Imaging:-

Trinocular head available, 50/50 light splitting ratio, with the special interface, able to connect to a digital camera, imitate CCD, digital CCD, VGA.

Display and Camera Specification:-

1920 x 1080 full HD resolution (60 frames per second real-time); 190 pixels per inch.

High-resolution 5MP images.

Built-in SD card for image & video capture; HDMI and USB 2.0 simultaneous outputs.
