



# EMZ-5TRD

Trinocular Greenough Design,  
Stereo Zoom Body (93mm W.D)  
with Detent



EMZ-5TRD (0.7x–4.5x) Trinocular Zoom Stereo Body, W.D. 93mm with Detent

## KEY FEATURES

- Zoom Ratio: 6.5:1
- Zoom Range: 0.7X–4.5X
- Magnification: 7X–45X (10X eyepieces)
- Field of View: 32mm–5.1mm
- Working distance: 93mm
- Extended Mag Range: 2.1X–270X (With auxiliary lenses and eyepieces)
- Trinocular Port
- Mounting: Fits 84.5mm Diameter Focus Holders
- Warranty: LIMITED LIFETIME WARRANTY
- Manufacturer: MADE IN JAPAN

## SPECIFICATIONS

The EMZ-5TRD trinocular zoom body has detent click-stops and delivers sharp and high-contrast images. It has an excellent zoom range of 6.5:1 that provides exceptionally high resolution images all throughout the zoom range. The EMZ-5TRD employs greenough optics for improved image flatness and contrast. As a result, images are brighter and more distinct even at the periphery of the field of view. With the large zoom range, the EMZ-5TRD offers high resolution observation in precision-oriented semiconductor, medical device and routine inspection. In addition to its compact design and versatility, a wide variety of auxiliary lenses and stands are available to allow the user to customize their desired working distance to adapt to almost any application.

**NOTE:** Additional items are needed to create a full microscope system. The following components are normally ordered:

- Stereo Microscope Body (Zoom, Turret or Fixed)
- Eyepieces (Requires 2 of identical magnification)
- Stand (pole stands, rigid arm stands, boom stands, heavy duty boom stands, wide surface stands or articulated arm stands)
- Illumination Source (Fiber optic halogen, fiber optic LED, fluorescent ring or LED illumination)
- Auxiliary Lens (Optional)

### Included with Microscope:

- **MA600:** Rubber Eyeshields for SWF eyepieces (paired) (Fits 30.5mm O.D eyepieces)
- **MA703:** Vinyl dust cover for EM series

### Optional Eyepieces Available:

- **MA501:** Super Widefield Eyepiece 5X, Field No. 26.0 (paired) (no reticle mount)
- **MA502:** Super Widefield Eyepiece 10X, Field No. 23.0 (paired) (25mm reticle mount)
- **MA520:** Super Widefield Eyepiece 12.5X, Field No. 20.0 (paired) (25mm reticle mount)
- **MA503:** Super Widefield Eyepiece 15X, Field No. 15.4 (paired) (25mm reticle mount)
- **MA504:** Super Widefield Eyepiece 20X, Field No. 11.5 (paired) (25mm reticle mount)

### Optional Auxiliary Lens Available:

- **MA517:** Auxiliary Lens 0.5X, 150mm (5.9") W.D
- **MA526:** Auxiliary Lens 0.75X, 97mm (3.8") W.D
- **MA507:** Auxiliary Lens 1.5X, 49mm (1.9") W.D

## PACKAGING INFORMATION

- Ships in 14" x 8" x 9" box
- Weighs 7 lbs