



# EMZ-8TRD

Trinocular Greenough Design,  
Stereo Zoom Body (104mm W.D)  
with Detent



EMZ-8TRD (0.7X–4.5X) Trinocular Zoom Greenough Stereo Body with Detent, Working Distance 104mm

## 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: 104mm
- Extended Mag Range: 2.1X–202.5X (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-8TRD zoom body offers detent click-stops and directs light to all three viewing ports simultaneously. The EMZ-8TRD is designed for high-contrast images and an excellent zoom range of 6.5:1 that is parfocallied all throughout the zoom range. The EMZ-8TRD 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. The EMZ-8TRD offers erect unreversed stereoscopic images which contribute in making high resolution observations in precision-oriented semi-conductor, 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. It has photomicrography made easy with over 300 available digital, analog and SLR camera adapters.

**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:

- **MA792:** Auxiliary Lens 0.35X, 250mm (9.8") W.D
- **MA793:** Auxiliary Lens 0.44X, 184mm (7.2") W.D
- **MA794:** Auxiliary Lens 0.5X, 174mm (6.8") W.D
- **MA795:** Auxiliary Lens 1.5X, 57mm (2.2") W.D
- **MA802:** Auxiliary Lens 2X, 36.6mm (1.4") W.D

## PACKAGING INFORMATION

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