



# EMZ-8TRH/BLACK

Trinocular Greenough Design,  
Stereo Zoom Body (104mm W.D)  
High Eyepoint



EMZ-8TRH/BLACK (0.7X–4.5X) Trino Zoom Stereo Body, High Eyepoint  
Capability W.D. 104mm (Requires MA522 - 10x High Eyepoint Eyepieces)

## 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: 2.45X–202.5X (With auxiliary lenses and eyepieces)
- Color: Black
- Trinocular Port
- Mounting: Fits 84.5mm Diameter Focus Holders
- Warranty: LIMITED LIFETIME WARRANTY
- Manufacturer: MADE IN JAPAN

## SPECIFICATIONS

The EMZ-8TRH/BLACK Trinocular High Eyepoint with 0.7X–4.5X zoom ratio offers direct light to all three viewing ports simultaneously. The EMZ-8TRH/BLACK is designed for high-contrast images and has an excellent zoom range of 6.5:1 that is parfocal all throughout the zoom range. It has Greenough optics for improved image flatness and contrast which results in brighter images at the periphery of the field of view. The EMZ-8TRH/BLACK offers erect unreversed stereoscopic images providing high resolution observation 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. Photomicrography made easy with over 300 available digital, analog and SLR camera adapters. Also suitable for eyeglass users.

**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:

- MA906: Rubber eyeshields (paired)
- MA703: Vinyl dust cover for EM series

### Optional Eyepieces Available:

- MA522: Super Widefield Eyepiece High Eye Point 10X (paired)
- MA818/2: Super Widefield Eyepiece High Eye Point 15X (paired)
- MA819/2: Super Widefield Eyepiece High Eye Point 20X (paired)

### Optional Auxiliary Lenses:

- 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