



EMZ-5TRHD

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



EMZ-5TRHD (0.7x–4.5x) Trino Zoom Stereo Body with Detent,
High Eyepoint Capability Working Distance 93mm

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-5TRHD is a new and improved high eyepoint model with an eye relief of 20.9mm designed for microscopists and for people who wear glasses. It is specially designed to give the user more clearance between their eyes and the microscope. The high eyepoint models also use a newly designed eyepiece with a wider designed lens to compliment the high eyepoint models (MA522 10X, MA818 15X, MA819 20X). Optional rubber eye guards (MA906) are also available.

The EMZ-5TRHD trinocular zoom body with detent stops is used for photography and video applications. When the beamsplitter is engaged, 100% of the light from the left optical path is directed to the phototube. The image can still be viewed through the right eyetube. The EMZ-5TRHD employs Greenough optics for improved image flatness and contrast. It offers high resolution erect unreversed stereoscopic images. 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 is 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 Lens:

- 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