



EMZ-5HD

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



EMZ-5HD (0.7X - 4.5X) High Eyepoint with Detent Binocular Stereo Zoom Body, Working Distance 3.7" (93mm) (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: 93mm
- Extended Mag Range: 2.1X–270X (With auxiliary lenses and eyepieces)
- Mounting: Fits 84.5mm Diameter Focus Holders
- Warranty: LIMITED LIFETIME WARRANTY
- Manufacturer: MADE IN JAPAN

SPECIFICATIONS

The EMZ-5HD 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-5HD body delivers sharp, high-contrast images and an excellent zoom range of 6.5:1 that provides exceptionally high resolution images all throughout the zoom range. This EMZ-5HD model has a ½" (12.7mm) more field of view than the standard EMZ-5 model ideal for eyeglass users but also compatible for all. The EMZ-5HD 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-5HD offers 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. 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