



EMZ-8UH

Binocular Greenough Design,
Stereo Zoom Body (104mm W.D)
High Eyepoint with Top Light Port



EMZ-8UH (0.7X–4.5X) Binocular 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)
- Top Light Port: 12.2mm Inlet for Single Arm Fiber Optic Light Guide
- Mounting: Fits 84.5mm Diameter Focus Holders
- Warranty: LIMITED LIFETIME WARRANTY
- Manufacturer: MADE IN JAPAN

SPECIFICATIONS

The EMZ-8UH 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).

The EMZ-8UH has a special inlet for a single arm fiber optic light guide which allows illumination to be paralleled to the optic path; it is also designed for observing objects that are normally difficult to see under oblique incident-light illumination such as holes or cracks, scratches on metal surfaces, IC chips and liquid crystal patterns. The EMZ-8UH is designed for high-contrast images and has an excellent zoom range of 6.5:1 that is parfocussed all throughout the zoom range. It also includes Greenough optics for improved image flatness and contrast which results in brighter images at the periphery of the field of view. With the large zoom range, the EMZ-8UH 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.

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:

- 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