



EMZ-13

Binocular Greenough Design,
Stereo Zoom Body (90mm W.D)



EMZ-13 (1.0X–7.0X) Binocular Greenough Design, Stereo Zoom Body,
Working Distance 3.5" (90mm)

KEY FEATURES

- Zoom Ratio: 7:1
- Zoom Range: 1.0X–7.0X
- Magnification: 10X–70X (10X eyepieces)
- Field of View: 23mm–3.2mm
- Working distance: 90mm
- Extended Mag Range: 3X–420X (With auxiliary lenses and eyepieces)
- Mounting: Fits 84.5mm Diameter Focus Holders
- Warranty: LIMITED LIFETIME WARRANTY
- Manufacturer: MADE IN JAPAN

SPECIFICATIONS

The EMZ-13 body offers an extended zoom ratio of 7:1, the highest in its series. Its modularity design enables the user to select magnification from 3x–420x. With the large zoom range, the user can expect superb optical performance and maneuverability. The paired objectives are parfocussed and parcentered which guarantee observation of high resolution images throughout a wide magnification range. The EMZ-13 series offer working distances from 34mm–252mm. The EMZ-13 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-13 is suitable for 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 work/lab 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, rigid arm, boom, heavy duty boom, wide surface 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:

- **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