



# EMZ-13TR

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



EMZ-13TR (1.0X–7.0X) Trinocular 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)
- Trinocular Port
- Mounting: Fits 84.5mm Diameter Focus Holders
- Warranty: LIMITED LIFETIME WARRANTY
- Manufacturer: MADE IN JAPAN

## SPECIFICATIONS

The EMZ-13TR (with detent click-stops) trinocular zoom body is used for photography and video applications and offers an extended zoom ratio of 7:1, the highest in its series. Its modular design enables the user to select magnification from 3x–420x. The large zoom range means the user can expect superb optical performance and maneuverability. The paired objectives are parfocussed and parcentered that guarantees observation of exceptionally high resolution images throughout a wide magnification range. The EMZ-13 series offer working distances from 34mm–252mm. The EMZ-13TR 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-13TR 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 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:

- **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