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MEIJITECHNO

Product Datasheet

EMZ-8UD

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



EMZ-8UD (0.7X–4.5X) Binocular Zoom Greenough Stereo Body, Light Port, and with Detent, W.D. 104mm

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-8UD 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-8UD is designed for high-contrast images and has an excellent zoom range of 6.5:1 that is parfocalled 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-8UD 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:

- **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:

- **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

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