MEIJITECHNO

THE GEOLOGICAL SOCIETY OF AMERICA®

Geological Microscopes

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MT9300

MT9300 Trinocular

MT9300 and MT9300

The MT9200 & MT9300 transmitted light polarizing microscope series has been designed as versatile, modular, and ergonomic microscope systems which are ideally suited for education, research or advanced laboratory applications. This series is most suited in generating interference figures, studying crystal and minerals structures in mineralogy. Specific studies include studying mineral formation, classifying minerals and identifying their geographic distribution. Our redesigned polarizing condensers enhance performance in polarized lighting which yields unmatched image contrast and provides bright and crisp images with good color rendition.

- Siedentopf type Binocular or Trinocular heads are standard
- Newly designed Abbe Condenser 1.25 N.A.
- Polarizer in a Swing in-out click/clamp mount, fully rotatable 360° with click stop at 0°and 90°
- Strain Free 4X, 10X, and S40X objectives
- Intermediate tube with built in Bertrand lens and analyzer and compensator slots and rotatable polarizer in a swing-out mount
- Ceramic coated, 175mm diameter, ball bearing, circular rotating stage graduated 360°
- LED and 6V 30W Halogen models

MT9200

MT9200 Binocular

MT9930

MT9930 Trinocular

MT9930

The MT9930 trinocular polarizing microscope is an incident and transmitted 6V 30W halogen microscope. It is designed as a versatile and modular microscope system which are suited in education, research or advanced laboratory applications such as forensic analysis, polymer, crystal identification. Its control system is ergonomically placed allows for stress free operation, increased lab efficiency and maximum productivity. A perfect instrument for geology, petrology, mineralogy, forensics, material science, manufacturing, crystallography, medical research, environmental science, industrial quality control and quality assurance applications.

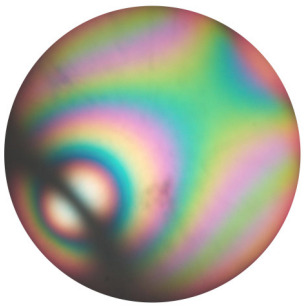
- Focusable Bertrand lens, Rotatable Analyzer with 180° graduations
- Newly improved ∞ Infinity Corrected Strain Free 4X, 10X, and S40X objectives
- Newly designed Strain free Abbe Condenser 1.25 N.A. with a swing out top lens and built in iris in a dovetail mount
- Ceramic coated, 175mm diameter, ball bearing, circular rotating stage graduated 360°
- One slider with Brightfield, first order red and 1/4 wave plate

RESEARCH GRADE STEREO MICROSCOPE: CZ-1105TR

The Meiji Techno CZ-1105TR is a fresh new design for the laboratory, the CZ-1105TR routine stereomicroscopes combine Meiji Techno's legendary optical design and quality. The CZ-1105TR CMO stereo microscope is a complete bundled package includes precise, reproducible magnification steps for repeated measurements, examinations, inspections or photography of metallurgical or biological specimens under identical scales and conditions. This guarantees that the results remain comparable at all times and the image is parfocalled. Parfocally matched optical system wherein the sharpness remains constant when the zoom magnification is changed. High depth of field for observing specimens over an extended area. The optical brilliance makes the CZ-1105TR Trinocular package is the ideal routine stereo microscope for life science and industrial applications. A head with a 20° tube inclination is designed with the laboratory technician in mind in contributing to increased productivity and workflow.

CZ-1105TR

CZ-1105TR Trinocular



STEREO WITH POLARIZER: EMZ-8TRH + MA522 + PKL-2 + MA550 + MA667

This microscope has an EMZ-8TRH body which delivers sharp, high-contrast images and a zoom range of 6.5:1. It captures high resolution images all throughout the zoom range. Included is our MA522 eyepiece which is a super widefield eyepiece high eye point 10X with 25mm reticle mount. The PKL-2 Stand included is our most popular LED stand with built in transmitted and incident LED illumination.

EMZ-8TRH + MA522 + PKL-2 Trinocular

HDMI, USB3, SD, LAN, MULTIPLE INPUT CAMERA WITH 13" 4K RESOLUTION MONITOR: HD4500K-M

A HDMI/USB 2.0/WiFi/SD/LAN 8MP Camera that has a display feature of 4K (3840 x 2160/ 1920 x 1080) auto-switching resolution with a refresh rate of 30 fps. The HD4500K-M 13" screen monitor provides high sensitivity and low noise performance characteristics optimized for low-light and high-detail microscopy observation requirements.

HD4500K-M Camera and Monitor

ENTRY LEVEL POLARIZING SCOPE: MT-93L

MT-93L is Meiji Techno's Entry Level Polarizing Compound Microscope. Equipped with a rear slide in analyzer and rotatable polarizing filter and a rotatable 135mm round metal stage with two stainless steel clamps. The MT-93L is our best buy for a student polarizing microscope that is affordable and portable. It has a small compact frame that saves laboratory bench space without compromising optical quality.

MT-93L Binocular

HDMI OR USB 2.0 CAMERA WITH 11.8" HDMI MONITOR: HD1500TM

A HDMI/USB 2.0 6MP Camera that has a 11.8" screen monitor. The HD1500TM's display features full HD (1920 x 1080) resolution and provides high fidelity images from the HD1500TM with a refresh rate of 60fps.

HD1500TM Camera and Monitor

For more information and quote request contact info@meijitechno.com

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