

# MICROSCOPY

MEIJI TECHNO | MASTER CATALOGUE





## EM-50

Entry-level stereo microscope. For use in the examination and actual dissection of specimens in Botany, Zoology and Entomology, and for the study of surface characteristics of minerals and rocks.



## EMF series

Fixed-objective type stereo microscopes (Greenough design). Total magnification 5–60x. Total magnification range available with auxiliary lenses and eyepieces.



## EMT series

Turret stereo microscopes (Greenough design). Maximum magnification up to 180x. EMT range provides dual magnification by means of an objective turret changer and a wide range of accessories.



## GEM series

Stereo microscopes for professional jeweler/gemologist. Meiji Techno optical design provides superior erect, unreversed, stereoscopic images, rich in contrast, brightness and correct in their original color.



## EMZ series

ZOOM stereo microscopes (Greenough design). Maximum magnification up to 420x. EMZ microscopes hold their parfocality or focus throughout the zoom range. It is reason why EMZ microscopes retain their value for many, many years.





## Short UNIMAC series

High-performance, direct, zoom lens systems have been specifically designed to provide high quality, low power images with excellent resolution and exceptional depth of field at extended working distances.

## DZ4-T

Stereomicroscopes with high magnification. Total magnification up to 4200x. Compact and lightweight body enables to be mounted easily in your instruments. Observation can be realized under optimum conditions such as high resolution, long working distance or wider field of view.

## RZ series

Research modular stereo microscopes with Common Main Objective (CMO) design. Engineered around a CMO and parallel optical paths, the RZ Series offers crisp, distortion-free, high-resolution images at magnifications up to to 300x.

### RZ ZOOM body

The RZ body features a 10:1 zoom ratio, built-in variable double iris diaphragms, and positive detente click-stops at twelve positions of magnification.

### Mechanical stage

Stage with or without graduation and coaxial controls for precise control of mounted specimens. Wide work surface with stage clips. Roller bearing mount allows smooth, easy, fingertip control.

### Stand

Transmitted light stand is used for brightfield/darkfield observation of transparent specimens. Stand incorporates an annular fiber optic light guide and an external 150W halogen light source





## MT7000 series

Meiji Techno's upright incident and transmitted light brightfield metallurgical microscope line is a cost-effective microscopes. The MT7000 Series employs all new and improved Plan Episcopic optical system.



## MT7500 series

Ergonomic metallurgical microscope system. ICOS™ (Infinity Corrected Optical System) makes the observation and evaluation of metallurgical specimens fast and easy while delivering an excellent cost-to-performance ratio.



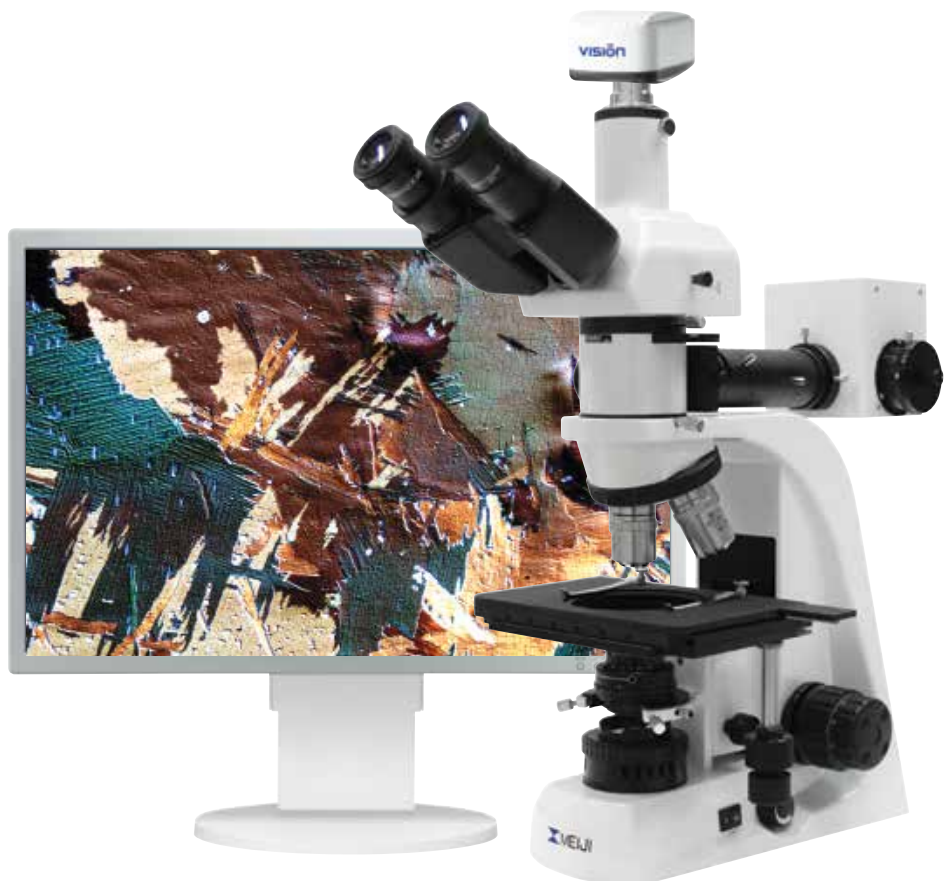
## MT8000 series

A versatile, modular, ergonomic metallurgical microscope system. Newly designed Epi-Plan Optics provides exceptionally bright, crisp images with good color rendition and superior flat field of view.

## MT8500 series

A versatile, modular, ergonomic metallurgical microscope system. Newly designed Plan EPI BD optics provides exceptionally bright, crisp images with good color rendition and superior flat field of view.

For Reflected Light Brightfield, Darkfield, Simple Polarization Technique and Transmitted Light Brightfield work.





## IM7000 series

Inverted metallurgical microscopes have a slim wedge shaped design that saves bench space and offers excellent stability. All microscopes come standard with an infinity corrected optical design (F=200)



## IM7500 series

Inverted metallurgical microscopes. All of the IM7500 Series controls are ergonomically positioned to provide comfort and extended ease of use for the operator. An integrated LED or 6V/30W vertical Koehler halogen illuminator with a variable intensity control and automatic voltage sensing power supply provides excellent specimen illumination and contrast.

## Measuring microscope systems

### MC series

Measuring systems are composed of high quality metallurgical microscope components, precision X-Y stages and durable heavy-duty stands. The MC Series measuring microscopes are available with 2-axis and 3-axis electronic digital readouts.

Systems can be configured for use with CCD video and digital still camera systems. Operators can perform visual inspection and measurement of small parts and components without complicated system preparations.





## MT9000 series

Versatile, modular, ergonomic microscope systems designed for student, advanced educational or routine laboratory use. The MT9000 Series features all new Strain Free Infinity Corrected Optics, large ceramic coated rotatable stages with greater wear resistance, and a newly engineered ergonomically designed frame that is rugged, stable, yet flexible with a slim compact footprint that fits nicely in your workspace.



## ML9000 series

A suitable instrument for most applications in geology, petrology, mineralogy, toxicology, chemistry, pharmaceuticals, medicine, pulp/paper, atmospheric pollution, ceramics technology, forensics, etc.



## MT5000SP series

Polarized microscopes for urine sediment examination. For transmitted light and polarized light use.

## MT9900 series

Infinity corrected optical systems for transmitted and Incident light use.

A perfect instrument for geology, petrology, mineralogy, forensics, material science, manufacturing, crystallography, medical research, environmental science, and industrial quality control and quality assurance applications.





## MT4000 series

Versatile, modular, ergonomic microscope systems which are ideally suited for use in education, research, or advanced laboratory applications.



## MT5000 series

Biological microscopes with high performance optics. The new optics, provide exceptionally bright, crisp images, with good color rendition and superior flat fields of view.



## TC5000 series

Inverted biological microscopes. TC Series are well suited for a wide variety of routine examination of tissue cultures, precipitates, sediments, deposits, and for epi- fluorescence observation.



## MT6000 series

Ergonomic epi-fluorescent laboratory microscopes with epi-fluorescent halogen lamphouse for use with 100W mercury arc lamps and with modular six position epi-fluorescent illuminator.



## Серия MT6000 (SP)

Epi-fluorescent laboratory microscopes with modular six position X-Cite 110LED epi-fluorescent illuminator with six blank positions for filter cubes.



## MT6000 (CL) series

Epi-fluorescent laboratory microscopes with modular six position CoolLED epi-fluorescent illuminator with six blank positions for filter cubes.



## MT4000 (M)

Motorized biological microscope. Autofocus mechanism (moving along Z-axis). Automation of stage and focus. ICOS™ optical system (infinity-corrected) with new and improved optics. Motorized 2- or 3-level stage for biological microscope, 75x30 mm.

## MT5000 (M)

Motorized biological microscope. Autofocus mechanism (moving along Z-axis). Automation of stage and focus. New and improved ICOS™ optics (microscopy optical system infinity-corrected with tube system, F=200mm). Motorized 2- or 3-level stage for biological microscope, 75x30 mm.

## MT6000 (M)

Motorized fluorescent microscope. Autofocus mechanism (moving along Z-axis). Automation of stage and focus. New and improved ICOS™ optical system. Module for fluorescent researches: fluorescent illuminator of reflected light with lock-up device for 6 fluorescent optical filters. Motorized 2- or 3-level stage for biological microscope, 75x30 mm.



## MT8500 (M)

Motorized metallurgical microscope. Autofocus mechanism (moving along Z-axis). Automation of stage and focus. New and improved ICOS™ optics (microscopy optical system infinity-corrected with tube system, F=200mm). Motorized 2- or 3-level stage for metallurgical microscope, 75x30 mm.

## IM7000 (M)

Motorized inverted metallurgical microscope. Autofocus mechanism (moving along Z-axis). Automation of stage and focus. New and improved ICOS™ optics (microscopy optical system infinity-corrected with tube system, F=200mm). Motorized 3 level stage for inverted-stage microscope, 120x100 mm.

## RZ (M)

Motorized research stereomicroscope. Autofocus mechanism (moving along Z-axis). Automation of stage and focus. Abbe — CMO optical system (common main objective). ZOOM 1:10 (0,75–7,5x). Total magnification (with a set of eyepieces and lenses) from 3,75x up to 300x. Motorized 2- or 3-level stage for metallurgical microscope, 75x30 mm.

We reserve the right to change the specification without notice.

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