

MEDICINE AND BIOLOGY

MEIJI TECHNO | MASTER CATALOGUE





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.



MT5000SP series

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



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.



MT6000 (CL) series

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



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.



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.

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





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.



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.



EMZ-5H

ZOOM stereo microscope for IVF. ZOOM range: 7x to 45x. Exceptional quality, high definition and accurate color rendition.



RZ-B

ZOOM stereo microscope for IVF with 10:1 zoom ratio, magnification fixing mechanism and double iris aperture diaphragm.



MT5000 series

Biological microscopes with phase-contrast and dark field. U-Plan objectives and Widefield high eyepoint eyepieces 10x, F.N. 22.

TC5000 series

Inverted microscopes for ICSI

Micromanipulators

Remote control of pipette in the microscope's field of view. Convenient movement control using a joystick.

Heating stage

Uniform heating of the entire stage area. Specimen temperature control 5 to 50 °C in increments of 0.1 °C





MJ 9200

Multi-Operation Microscope with 5-stepped magnification system: 3,2x, 4,8x, 8x, 12,8x, 20x. Foot switch focusing mechanism. One-touch bulb changer



MJ 9200Z

Multi-Operation Microscope with ZOOM-magnification system: 5–30x. Motorized focus and foot remote controller. One-touch bulb changer



MJ 9200D

Multi-Operation Microscope with 5-stepped magnification system. Motorised X-Y stage, motorized focus and foot remote controller.



MJ 9100S

Dental surgical microscope with ZOOM-magnification system. 360 degree dental coupling. Fine focusing slider.



MJ 9100

Zoom portable operation microscope. L-R side changer. Table-clamp or mobile stand. Transport case.



EMZ-200

Binocular stereo microscope for microsurgery training. Working distance 200mm. Zoom body 45°.



EMZ-200TR

Trinocular stereo microscope for microsurgery training. Working distance 200mm. Zoom body 45°.



EMZ-250

Binocular stereo microscope for microsurgery training. Working distance 250mm. Zoom body 30°.

EMZ-250TR

Trinocular stereo microscope for microsurgery training. Working distance 250mm. Zoom body 30°.

Cost effective stereoscopic microscopes solution for training a surgeon to suture or repair blood vessels and complex microsurgical procedures.



**MT5000 (DSS 1)**

Digital slide-scanner with successive slide loading by operator. Used for digital pathology, research and education. Fast scanning and capturing the image of complete slide area.

**MT5000 (DSS 4)**

Digital slide-scanner with loading up to 4 slides simultaneously. Used for digital pathology, research and education. Fast scanning and capturing the image of complete slide area.

We reserve the right to change the specification without notice.

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