

Biological Microscopes

MEIJI TECHNO



MT4000 Series



MT4300L/MT4300H

Features

- Infinity Corrected Optical System (ICOS™) with all newly designed Planachromatic optics
- Comfortable Siedentopf-type Binocular and Trinocular Viewing heads
- Optional Ergonomic tilting binocular head- Adjustable vertically from 10° to 50° degrees
- Ceramic Coated Stage with Ergonomically Placed Low Position Drop down Control
- Low Positioned Ergonomic Coaxial Focus Control
- Smooth Operating Ergonomic Quintuple Nosepiece
- Super Bright LED Koehler illumination, lambertian design
- Abbe Condensers available
- Transmitted illumination System on selected Brightfield Models

Comparison table

Model	Body	Eyepieces	Objectives	Stage	Condenser	Illuminator
MT4200L	Binocular	10x/20 mm	U. PLAN ACHROMAT: 4X, 10X, 20X, 40X, 60X, 100X oil	Ceramic Coated with specimen holder for two slides, 171x115 mm	Abbe type N.A.1.25	LED, 5V/3W
MT4300L	Trinocular					
MT4200H	Binocular					Halogen, 6V/30W
MT4300H	Trinocular					
MT4200L (SP)	Binocular					LED, 5V/3W
MT4300L (SP)	Trinocular					

As standard (by default), microscopes are supplied with a mechanical table with a control knob on the right. If necessary, it is possible to supply a microscope with a mechanical table with a control handle on the left. Please indicate when ordering which equipment you need.

The MT4000 Series is a newly designed upright biological compound microscope system. Ergonomically designed, precisely manufactured and simple to use stage and coarse and fine controls. To meet the demands of researchers and clinical laboratory specialists. The MT4000 Series was developed to provide functionality and operational ease. Viewing high quality images, sample changing and photomicroscopy are all conducted with ergonomics in mind. High luminescent LED illumination reduces need for frequent bulb replacement but still provides rugged durability and long life span.



MT5300L/MT5300H

Features

- Infinity Corrected Optical System (ICOS™) with all newly designed Planachromatic optics
- Comfortable Siedentopf-type Binocular and Trinocular Viewing heads
- Optional Ergonomic tilting binocular head- Adjustable vertically from 10° to 50° degrees
- Ceramic Coated Stage with Ergonomically Placed Low Position Drop down Control
- Low Positioned Ergonomic Coaxial Focus Control
- Smooth Operating Ergonomic Quintuple Nosepiece
- Super Bright LED Koehler illumination, lambertian design
- Abbe and Zernike Phase Contrast Condensers available
- Transmitted illumination System on selected Brightfield and Phase Contrast Models

Comparison table

Model	Body	Eyepieces	Objectives	Stage	Condenser	Illuminator
MT5200L	Binocular	10x/22 mm	U. PLAN ACHROMAT: 4X, 10X, 20X, 40X, 60X, 100X oil	Ceramic Coated with specimen holder for two slides, 171x115 mm	Abbe type N.A.1.25	LED, 5V/3W
MT5300L	Trinocular					
MT5200H	Binocular					
MT5300H	Trinocular					
MT5200H (PL)	Binocular		Strain free Planachromat: 4X, 10X, 40XS		Abbe Strain free (mechanically stress-free)	Halogen, 6V/30W
MT5300H (PL)	Trinocular					
MT5200L (SP)	Binocular		U. PLAN ACHROMAT: 4X, 10X, 20X, 40X, 60X, 100X oil		Abbe type N.A.1.25	LED, 5V/3W
MT5300L (SP)	Trinocular					

As standard (by default), microscopes are supplied with a mechanical table with a control knob on the right. If necessary, it is possible to supply a microscope with a mechanical table with a control handle on the left. Please indicate when ordering which equipment, you need.

The Meiji Techno MT5000 Series Biological Microscopes have been designed as versatile, modular, ergonomic microscope systems which are ideally suited for use in research, or advanced laboratory applications. Ergonomic placement of controls allows for stress free operation, increased efficiency and maximum productivity. The MT5000 Series microscopes feature a new computer engineered rigid frame that incorporates low positioned coaxial coarse/fine focus controls and ergonomic stage design for maximum efficiency and comfort while also providing an extremely stable operating platform.



MT6300CL

Features

- 10x compensation wide-field eyepieces with extended focus, F.N. 22
- Convenient binocular and trinocular head (Siedentopf type)
- Ergonomic binocular head with an adjustable vertically from 10° to 50° (option)
- Newly designed S Apoplan Infinity Corrected objectives for Fluorescence imaging
- Module for fluorescent research: mercury-free fluorescent illuminator of reflected light without the use of mercury with a device for attaching 6 blocks of fluorescent light filters
- Abbe N.A. 1.25 condenser
- Koehler illumination: a super bright LED (5V/3W) or halogen transmitted illumination (6V/30W)
- Research methods: bright field, dark field, phase contrast and polarization

Comparison table

Model	Body	Eyepieces	Objectives	Stage	Condenser	Illuminator
MT6200CL	Binocular	10x/22 mm	Plan Semi Apo: F4X, F10X, F20X, F40X, F100X oil	Ceramic Coated with specimen holder for two slides, 171x115 mm	Abbe type N.A.1.25	LED, 5V/3W
MT6300CL	Trinocular					

As standard (by default), microscopes are supplied with a mechanical table with a control knob on the right. If necessary, it is possible to supply a microscope with a mechanical table with a control handle on the left. Please indicate when ordering which equipment you need.

The Meiji Techno MT6000 Series Epi-Fluorescent Laboratory Microscopes have been designed as versatile, modular, ergonomic microscope systems which are ideally suited for use in research, or advanced laboratory applications. Ergonomic placement of controls allows for stress free operation, increased efficiency and maximum productivity.



TC5200L

Features

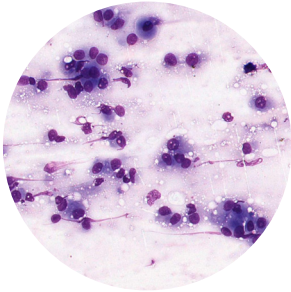
- Convenient binocular and trinocular visual attachments (Zidentopf type)
- Ergonomic binocular head with an adjustable vertically from 10° to 50° (option)
- Ergonomic nose-piece for 5 lenses with a tilt to the left for changing magnification
- Brightfield objectives TC plan achromat (TC5100, TC5200). Phase contrast objectives TC plan achromat Ph (TC5300, TC5400). Epifluorescent objectives TC plan achromat F (TC5500, TC5600).
- Removable mechanical table with plate holder and ergonomic coaxial control handle on the right side (optional)
- 1"x3" glass slide holder, camera holder, 35 mm, 55 mm and 65 mm Petri dish holder, Terasaki tablet holder and hemocytometer holder (optional)
- Vertical illuminator with LED lighting. A power supply with automatic voltage detection and a brightness control is built into the base of the microscope

Comparison table

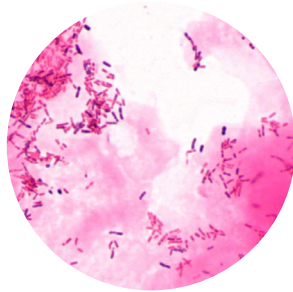
Model	Body	Eyepieces	Objectives	Stage	Condenser	Illuminator
TC5100L	Binocular	10x/22 mm	TC Long Working Distance (LWD) Planachromat: 4X, 10X, 20X, 40X	Slide table with removable glass insert	ELWD Condenser, N.A. 0.30, W.D. 73.0 mm	LED, 5V/3W
TC5200L	Trinocular					
TC5300L	Binocular					
TC5400L	Trinocular					
TC5500 (CL)	Binocular					LED, 5V/3W, LED fluorescent illuminator (CoolLED)
TC5600 (CL)	Trinocular					

Meiji Techno Inverted Biological microscopes are versatile, modular, ergonomic microscopes that are excellent for scientific and clinical research. The TC5000 series is designed for a wide range of everyday tasks, including studies of cultures, precipitates, sedimentation and for clinical studies, including the study of living cells, in vitro fertilization, epifluorescence observation and high-resolution video microscopy. The TC5000 series has excellent optical performance, thanks to the high-quality optical system Meiji Techno Infinity Corrected Optical System (ICOS™). Research methods include light field, phase contrast, and fluorescence.

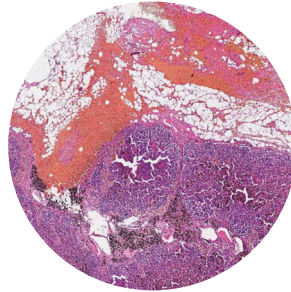
Life Science



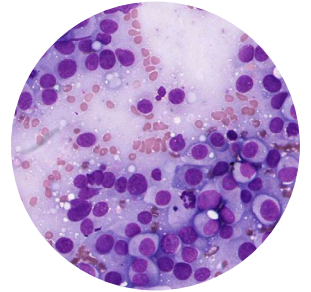
Biology



Microbiology

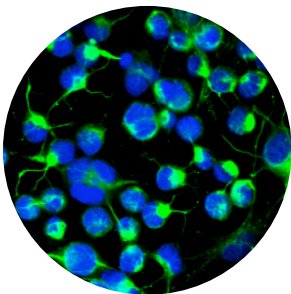


Histology

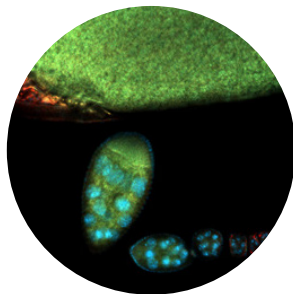


Cytology

Research & Education



Botany



Environmental
Studies

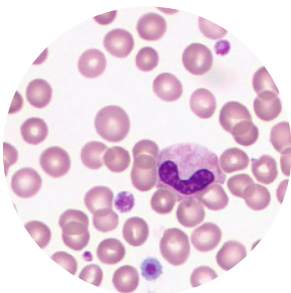


Education

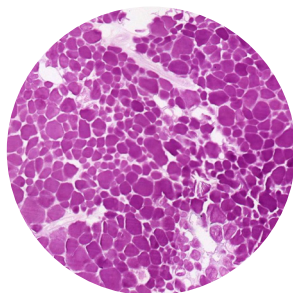


Remote
Consultation

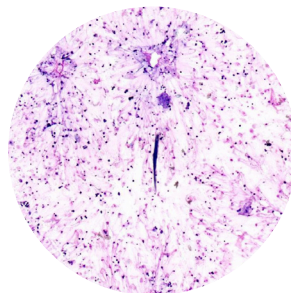
Medicine & Laboratory



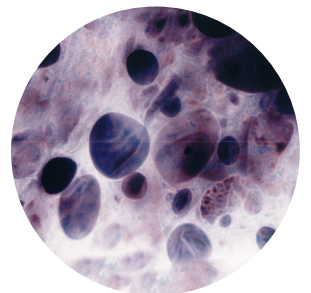
Clinical Diagnostics



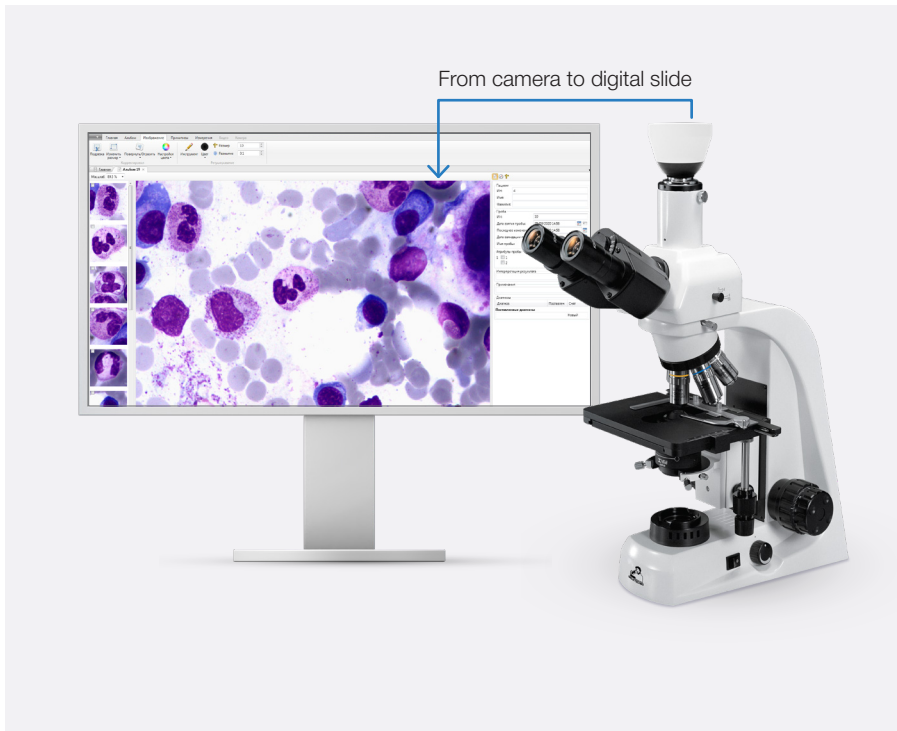
Veterinary



Forensic Medicine



Food Analysis



Vision Album

Visualization, acquisition and organization of digital samples in microscopy

Sort microscopic specimens into digital albums and use professional image correction tools with Vision Album software



Vision Bio

Visualization, acquisition, organization, and analysis of digital samples in microscopy

View large images on the monitor screen, store digital slides in the database, create reports, and analyze images using Vision Bio software

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