

# Biological Microscopes

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**MT6300CL**

**PRICE: \$18,645.00**

## MT6300CL

The MT6300CL is our new trinocular biological LED epi-fluorescence microscope. It employs Meiji Techno's all new ICOS™ (Infinity Corrected Optical System) making it easier to study mounted specimens. Included is an award-winning PE-300L/LEDMT which is an LED illumination system for Fluorescence Microscopy, Optogenetics, Electrophysiology and high-speed microscopy applications. The MT6300CL's modularity makes purchase and operation very affordable for colleges, universities, researchers and clinics.

- Plan Semi Apochromat objectives: F10X, F20X, F40X oil, F100X oil
- Includes six fluorescence modules with three chroma fluorochromes
- Computer aided design frame and optics
- Ergonomically positioned controls
- Comfortable Siedentopf viewing heads

## MT5310EL

The MT5310EL is Meiji Techno's ergonomic trinocular phase contrast brightfield compound microscope. It employs Meiji Techno's ICOS™ (Infinity Corrected Optical System) making it easier to study mounted specimens while delivering an excellent cost-to-performance ratio.

- Siedentopf head tilts from 10° – 50°
- U Plan Phase objectives 10X, 20X, 40X and 100X oil
- Zernike type phase condenser, phase telescope and green interference filter
- Bright LED Koehler illumination



**MT5310EL**

**PRICE: \$5,880.00**



**TC-5600CL**

**PRICE: \$16,720.00**

## TC-5600CL

The TC-5600CL is Meiji Techno's latest trinocular inverted epi-fluorescence biological LED compound microscope. The TC-5600CL is equipped with PE-300L/LEDTC which is a LED fluorescence illumination kit, configured for fluorophores such as DAPI, FITC, TRITC, Cy5 and alike. TC-5600CL Series is ideal for applications in biology, cell cytology, genetics, oncology, and immunology.

- Siedentopf type binocular head inclined at 30° or trinocular at 45°
- Front mounted CCD, analog or SLR cameras
- LWD Planachromat F10X and F20X objectives
- Compact wedge shaped cast aluminum alloy frame for exceptional stability and a small footprint
- Chemical resistant baked enamel finish



## RZ-B + MA749 + MA730 (x2) + MA742 + RZBD/LED + MA964 + MA751

This RZ trinocular microscope configured system features a 10:1 zoom ratio with built-in variable dual-iris diaphragms and 12 positive click stops through the zoom range. With its ergonomic binocular head (MA749), the user can see specimens vertically from 10° to 50°. Its base foundation is a RZBD/LED which is a Bright-field/Darkfield LED illumination stand that has a rotatable and sliding mirror with a 32mm post.

- MA742: 1.0X plan objective with a working distance of 76 mm
- MA730: UWF 10X eyepiece, high-eyepoint, diopter lock, focusable F.N. 24
- MA964: Our variable intensity LED ring illuminator that delivers a high level of illumination over a selected field of view with excellent uniformity.
- MA751: A photo tube attachment that allows camera attachments

RZ-B + MA749 + MA730 (x2) + MA742 + RZBD/LED + MA964 + MA751

**PRICE: \$10,985.00**



### MT-61

A trinocular compound Biological Brightfield Microscope with 4X, 10X, 40X and 100X oil (infinity corrected objectives), that is specifically designed for Life Sciences and Biomedical Sciences applications. It has a 228.6mm x 140mm rackless stage equipped with integrated 79mm x 52mm mechanical stage.

**PRICE: \$1,680.00**



### EMZ-8TRH + MA522 + BD-LED

The EMZ-8TRH head delivers sharp, high-contrast images and excellent zoom range of 6.5:1. The MA522 eyepieces attached are super widefield high eyepoint 10X (25mm reticle mount). The BD-LED base is a pole stand (with F-block) that has a dual-reflection lens/mirror system that provides both incident and transmitted variable intensity LED illumination that are used independently or simultaneously.

**PRICE: \$2,990.00**



### MT-B300/GFP/FITC

A Digital Brightfield/Phase Contrast/Fluorescence microscope imaging system. It accommodates one slide with an optional attachable manual mechanical stage. This system is designed for laboratories that do routine volume slide scanning with a particular objective and want to record every slide for patient documentation.

**PRICE: \$12,075.00**



### HDMI OR USB 2.0 CAMERA WITH 11.8" HDMI MONITOR: HD1500TM + MA151/35/03 (C-mount)

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 with a refresh rate of 60fps. The MA151/35/03 is a c-mount with 0.3X lens (21mm reticle mount) video that is used to connect a microscope camera (HD1500TM) to the trinocular tube of a microscope.

**PRICE: \$2,170.00**



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