

MT6200/6300 (CL)

Biological Fluorescence Microscopes



- Ultra Wide Field eyepieces 10x/22
- Comfortable Siedentopf binocular and trinocular viewing heads
- Ergonomic head with adjustable inclination from 10° to 50° (option)
- Newly designed Semi Apo Plan Infinity Corrected objectives for Fluorescence imaging
- Fluorescence mode: mercury-free reflected LED illumination with equipped Chroma filters and a six position filter holder
- Abbe condenser
- Super Bright LED (5V/3W) Koehler illumination (5V/3W)
- Brightfield, Darkfield, Polarized Light and Epi-Fluorescence observation modes available

Specifications

MT6200CL & MT6300CL Biological Fluorescence Microscopes	
Viewing Head	— binocular (MT 6200) or trinocular (MT 6300) head — 360° rotatable head with 30° inclination. The interpupillary distance is adjustable between 53 mm–75 mm — ergonomic visual head with adjustable inclination 10–50° (option)
Widefield Eyepieces	10x/22 mm
Stand	metal stand with a chemical resistant finish
Objective changer	quintuple nosepiece
Objectives	Plan Semi Apo: F10x, N.A. 0.40, W.D 1 mm F20x, N.A. 0.65, W.D 0.7 mm F40x, N.A. 0.82, W.D 0.15 mm F100x oil, N.A. 1.25, W.D 0.2 mm Plan Apochromat (option): F4X, N.A.0.13, W.D 17.5 mm F10X, NA 0.30, W.D 8.6 mm F20X, NA 0.65, W.D 0.7 mm F40X, NA 0.80, W.D 0.2 mm F100X oil, NA 1.25, W.D 0.2 mm, (spring-mounted) U Plan Achromat: 4X, NA 0.10, W.D 25.89 mm (option)
Stage	mechanical, two-coordinate, for 2 standard-sized slides
Condenser	Abbe, height adjustable with iris diaphragm, nA 1.25
Focus control	— coaxial coarse/fine focus controls — incorporates safety Auto-focus stage stop lever — tension adjustment control with Coaxial knobs
Epi-fluorescence illuminator	mercury-free CoolLed
Illumination	LED — 5V/3W
Power supply	220 W/50 Hz
Working temperature, humidity	18–35 °C, less than 85 %

Ordering Information

Description	Code
Binocular Biological Fluorescence Microscope MT6200CL with CoolLED illuminator, Standard configuration	MT6200CL
Trinocular Biological Fluorescence Microscope MT6300CL with CoolLED illuminator, Standard configuration	MT6300CL

We reserve the right to change specification without notice.



Meiji Techno Europe
 Brown-Boveri-Straße 6, B17-1
 2351 Wiener Neudorf, Austria
 tel.: +43 (0) 2236 892465, fax: +43 (0) 2236 892464
 info@meijitechno-europe.com, www.meijitechno.com

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