

MT5200/MT5300 L | H

Biological Microscopes



- Infinity Corrected Optical System (ICOS™) with all newly designed Planachromatic optics
- Comfortable Siedentopf-type binocular and trinocular viewing heads
- Ergonomic head with adjustable inclination from 10° to 50° (option)
- Slide holder for two slides
- Ergonomic quintuple nosepiece
- Super Bright LED Koehler illumination: LED (5V/3W) or halogen (6V30W) Illumination
- Abbe Condenser
- Brightfield, Darkfield observation modes available

Specifications

MT5200/MT5300 L H Biological Microscopes	
Viewing head	— binocular (MT5200) or trinocular (MT5300) head — fully rotatable 360° head with eyetubes inclined at 30° with the left eyetube having graduated diopter settings. The interpupillary distance is adjustable between 53 mm–75 mm — ergonomic visual head with adjustable inclination 10–50° (option)
Wide field eyepieces	10x/22 mm
Stand	metal stand with a chemical resistant finish
Objective changer	quintuple nosepiece
Objectives	U Plan Achromat: 4X, N.A. 0.10, W.D. 28.89 mm, F.N. 24 10X, N.A. 0.25, W.D. 10.67 mm, F.N. 24 20X, N.A. 0.40, W.D. 7.29 mm F.N. 24 (option) 40X, N.A. 0.65, W.D. 0.5 mm, F.N. 24 (spring-mounted) 100X, N.A. 1.25, W.D. 0.23 mm F.N. 24 (spring-mounted) Plan Achromat (option): 60X, N.A. 0.80, W.D. 0.29 mm F.N. 24 (spring-mounted)
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
Illumination	(L) LED — 5V/3W (H) Halogen — 6V/30W
Power supply	220V/50Hz
Working temperature, humidity	18-35 °C, less than 85 %

Ordering Information

Description	Code
Binocular biological microscope MT5200H with halogen illumination, Standard configuration	MT5200H
Binocular biological microscope MT5200L with LED illumination, Standard configuration	MT5200L
Trinocular biological microscope MT5300H with halogen illumination, Standard configuration	MT5300H
Trinocular biological microscope MT5300L with LED illumination, Standard configuration	MT5300L

We reserve the right to change specification without notice.



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