



Made in Japan

MT4200/MT4300 L | H

Biological Microscopes



- Infinity Corrected Optical System (ICOS™) with all newly designed Planachromatic optics
- Comfortable Siedentopf-type binocular and trinocular viewing heads
- Slide holder for two slides
- Low positioned ergonomic coaxial focus control
- Ergonomic quintuple nosepiece
- Super Bright LED Koehler illumination: LED (5V/3W) or halogen (6V30W) Illumination
- Abbe condenser
- Brightfield and Darkfield observation modes available

Specifications

MT4200/MT4300 L H Biological Microscopes	
Viewing head	— binocular (MT4200) or trinocular (MT4300) head — fully rotatable 360° head with eyetubes inclined at 30° with the left eyetube having graduated diopter settings. The interpupillary distance is adjustable between 53mm–75mm — ergonomic visual head with adjustable inclination 10-50° (option)
Wide field eyepieces	10x/20 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 oil, 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 MT4200H with halogen illumination, standard configuration	MT4200H
Binocular biological microscope MT4200L with LED illumination, standard configuration	MT4200L
Trinocular biological microscope MT4300H with halogen illumination, standard configuration	MT4300H
Trinocular biological microscope MT4300L with LED illumination, standard configuration	MT4300L

We reserve the right to change specification without notice.



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