

MX 300 / MX 300 (T)

Biological microscopes

- Microscopes with ICO Infinite optics
- High resolution optical system
- Quintuple reverse-angle ball-bearing nosepiece
- 5 objectives plan achromat: 4x/0,10, 10x/0,25, 20x/0,40, 40x/0,65, 100x/1,25 (oil)
- Koehler illumination system
- Built-in LED illumination adjustable 12 V, 3 W
- Double layer specimen stage
- Optical system provided with Anti-Fungus treatment
- Professional microscopes for medicine and biology



MX300 and MX300 (T) biological microscopes

General characteristics

Magnification	up to 2000x
Head	— infinite compensation binocular (MX 300) or trinocular (MX 300 T) head, — 360° rotatable, 30° inclined, ±5 D, interpupillary distance 55–75 mm
Eyepiece	WF 10x/18 mm widefield
Microscope body	sturdy metallic base 300x300 mm with supportive rubber feet
Nosepiece	quintuple reverse-angle
Objectives	objectives plan achromat ICO Infinite: 4x/0.10, 10x/0.25, 20x/0.40, 40x/0.65 (spring loaded), 100x/1.25 (spring loaded, oil)
Stage	double layer mechanical specimen stage, right handed, 130x140 mm
Abbe condenser	height adjustable, nA 1.25, with integrated iris diaphragm and filter tray
Focusing	— coaxial coarse and fine focus controls — stage focus control (protection of sample) — tension adjustment
Collector	Koehler illumination with auxiliary lens, field iris diaphragm and centering mechanism.
Light source	LED 12 V, 3 W, adjustable
Power supply	built-in, 220 V, 50 Hz
Fuses	250 V, 2 A
Temperature, humidity	18–35 °C, less than 85 %
Weight	7 kg

Ordering Information

Description	Code
MX 300 binocular biological microscope, standard set	09.0300.02
MX 300 (T) trinocular biological microscope, standard set	09.0300.03

* Product images are shown for reference only and final product may differ