



Specifications

MICROOPTIX

Laboratory Microscopes with ICO Infinite Optics MX 300 and MX 300 (T)

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 nosepiece
Objectives	plan achromat ICO Infinite objectives: 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, 135x140 mm
Abbe condensor	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 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 %
Size, weight	300x300x390 mm, 7 kg