

MX 300 (F) / MX 300 (TF)

Fluorescence microscopes

- Fluorescence microscope with ICO Infnitive optics
- Ergonomical modern design
- Quintuple reverse-angle ball-bearing nosepiece
- 5 objectives s-plan achromat: 4x/0,10, 10x/0,25, 20x/0,40, 40x/0,65, 100x/1,25 (oil)
- Fluorescence illumination system 100 W
- Optical system provided with Anti-Fungus treatment



Specifications

MX 300 (F) / MX 300 (TF) fluorescence microscopes

General characteristics

Magnification	up to 2000x
Head	— infinite compensation binocular (MX 300 (F)) or trinocular (MX 300 (TF)) head — 360° rotatable, 30° inclined, ±5 D, interpupillary distance 55–75 mm
Eyepiece	10x/18 mm widefield
Microscope body	sturdy metallic base 300x300 mm with supportive rubber feet
Nosepiece	quintuple reverse-angle
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
Temperature, humidity	18–35 °C, less than 85 %
Fluorescence attachment	— Epi-fluorescence attachment with 2 filter blocks; — Blue filter block: exciting filter BP490; dichroic mirror DM510; cut-off filter BA530 — Green filter block: exciting filter BP545; dichroic mirror DM580; cut-off filter BA590 — HBO 100W mercury lamp.
Weight	7 kg

Ordering Information

Description	Code
MX 300 (F) binocular fluorescence microscope, standard set	09.0321.02
MX 300 (TF) trinocular fluorescence microscope, standard set	09.0321.03

We reserve the right to change specification without notice.