MicroOptix

WEST MEDICA

MX 1000 (T)

Metallurgical microscope

- Trinocular metallurgical microscope with ICO Infinitive Optics
- Infinitive plan-achromat objectives:
  — reflected light: 4x, 10x, 20x, 40x, 80x
  — transmitted light: 40x, 100x
- Quintuple nosepiece
- Built-in Koehler Illumination
- Optical system provided with Anti-Fungus treatment

AUSTRIA

Specifications

MX 1000 (T) metallurgical microscope	
General characteristics	
Magnification	— 1600x (transmitted light) — 1280x (reflected light)
Head	infinitive trinocular head, 360° rotatable, 30° inclined, ±5 D, interpupillary distance 55–75 mm
Eyepieces	— widefield 10x/18 mm — widefield eyepiece 10x/18 mm with 0.1 mm micrometer (1 pcs)
Microscope body	sturdy metallic base 280 x 280 mm with supportive rubber feet
Nosepiece	quintuple reverse-angle ball-bearing nosepiece with 3 slots for brightfield objectives and 2 slots for darkfield objectives
Converter	for brightfield and darkfield
Objectives	reflected light: — plan-achromat ICO Infinitive objectives: 4x/0.10 (brightfield), 10x/0.25 (brightfield and darkfield), 20x/0.40 (brightfield and darkfield), 40x/0.65 (darkfield), 80x/0.90 (darkfield) incident light: — plan-achromat ICO Infinitive objectives: 40x/0.65 (spring loaded), 100x/1.25 (spring loaded, immersion oil)
Polarization set	built-in polarizer and analyzer
Stage	square stage with glass plate, 185x142 mm, mechanical graduated, right handed
Abbe condenser	Abbe condenser nA 1.25 with iris diaphragm, variable at height.
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	— incident light: halogen lamp, 50 W, 12 V — transmitted light: halogen lamp, 20 W, 12 V
Power requirements	220 V, 50 Hz
Temperature, humidity	18–35 °C, less than 85 %
Weight	14 kg

Ordering Information		
	Description	**Code**
	MX 1000 (T) trinocular metallurgical microscope, standard set	**09.1000.03**

We reserve the right to change specification without notice.

WEST MEDICA

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