

JBM-100 Metallurgical Microscope Ultima Series



Specification

Trinocular Observation Head:	Siedentopf observation head inclined at 45. Diopter adjustment ring on ocular tube. Interpapillary distance from 50mm to 75mm.)
Eyepieces	Wide field plan eyepieces WF 10X/22mm. WF 10X/20mm, crosshair With reticule 0.1mm
Objectives	Infinity plan LWD Bright & Dark field objectives: 5X/0.12 (W.D.=23.6mm) 10X/0.25 (W.D.=17.8mm) 20X/0.40 (W.D. =10.4mm) 50X/0.55 (W.D.=7.0mm) 100X/0.80 (W.D.=3.2mm)
Polarizing Device	Analyzer 360 rotatable both polarizer and analyzer can be moved out of the light path.
Mechanical Stage	Co-axial Focusing system with large knobs. Pre-Focusing Lever & Tension Adjustment Ring. Quadruple Nosepiece on ball bearing. Mechanical stage is 260mmx223mm. Mechanical stage has low positioned co-axial controls ball bearing guide ways. Phototube for micro photography.
Illuminator	EPI-Koehler's illumination. Aperture Iris Diaphragm and filed iris diaphragm 24V/100W Halogen Lamp. Adjustable Brightness. Filter Wheel in light path with blue, green & yellow filter.
Focusing	Co-axial coarse and fine focusing adjustment. Fine focusing scale value 0.002mm.
Checking Tool	0.01mm micrometer
Standard Accessories	24V/100W halogen tungsten bulb, operating manual, dust cover, foam molded pack

Filter	Green, blue, neutral
Light Source	• Transmission illumination:, with aperture iris diaphragm and field iris diaphragm • halogen bulb 12C50W, AC85V-230V brightness adjustable Optional Accessories • Eyepieces WF 15X • Eyepieces WF 20X
Nosepiece	Quintuple nosepiece with DIC jack

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