

HST102-B Trinocular Inverted Metallurgical Microscope



HST Group Co.,LTD.

Development Base of Advanced Testing Machine Of China

1. Application

HST102-B Inverted metallurgical microscope is equipped excellent UIS optical system and modularization function design so that update system expediently and achieved polarization, dark field observation. Compact and steady main frame body is embodiment for the shock resistance. The ideal ergonomic design is adopted in this unit and has easier operation and wider space. This is ideal optical instrument for micro observation in metallographic structure and surface morphology. It is suitable for research in metallography, mineralogy, precision engineering, etc.

2. Specifications

Specification	
Eyepiece	Wide field WF10X(field number:Φ22mm)
Objective	PL L10X/0.25 (Work distance): 5 mm
	PL L20X/0.40 (Work distance): 8.80 mm
	PL L50X/0.70 (Work distance): 3.68 mm
	PL L100X/0.85 (Dry) (Work distance): 0.40 mm
Eyepiece tube	Inclination angle is 45° and interpupillary distance is 53~75mm.
Focus system	Coaxial coarse/fine focus, with tension adjustable, minimum division of fine focusing is 2μm.
Nosepiece	Quintuple (Backward ball bearing inner locating)
Stage	Mechanical stage overall size: 242mmX200mm and moving range : 30mmX30mm.
	Rotundity and rotatable stage size: maximal measurement is Φ130mm and minimal clear aperture is less then Φ20mm.
Illumination system	6V30W halogen and brightness enable control
	Integrated field diaphragm , aperture diaphragm and puller type polarizer.
	Equipped with frosted glass and yellow ,green and blue filters



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