

HST301-B Trinocular Upright Multifunction Metallurgical Microscope



HST Group Co.,LTD.

Development Base of Advanced Testing Machine Of China

Introduction:

HST301-B series reflected and transmitted metallurgical microscopes are suitable to observe surfaces of non-transparent object or transparent object. They are equipped with vertical illuminator and transmitted illuminator, plan achromatic objectives with long working distance(no cover glass), wide field eyepieces and set polarizer device in trinocular. They provide clear and high-contrast image, convenient control. They are the ideal instruments in research work in biology, metallography, mineralogy, precision engineering, electronics and etc. They are suitable for scientific research, teaching demonstration in the colleges and factory.

Features :

- ▲ With plan achromatic objectives with long working distance (no cover glass) and wide-field eyepieces, can get clear pictures and wide view field.
- ▲ Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum division of fine focusing: 2 μ m.
- ▲ With vertical illuminator and transmitted illuminator, can observe surfaces of non-transparent object or transparent object.
- ▲ 6V 20W halogen lamp, brightness control.
- ▲ Trinocular, can switch to observe normally or to observe the Polarize, can send 100% of light to the binocular eyepieces or to the top port.

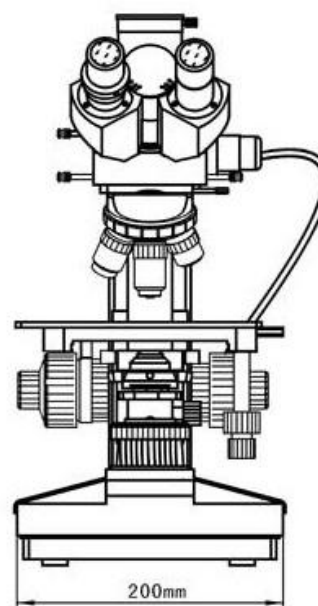
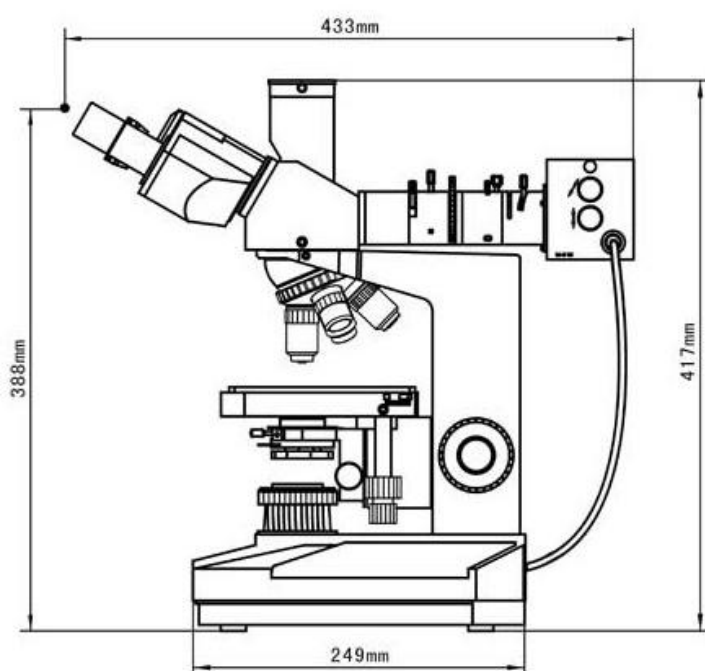


Technical Parameter :

Model	HST301-B
Eyepiece	Wide field WF10X(Φ 18mm)
Objective	Plan achromatic objectives with long working distance (no cover glass) PL 5X/0.12
	Plan achromatic objectives with long working distance (no cover glass) PL 10X/0.25
	Plan achromatic objectives with long working distance (no cover glass) PL 40X/0.60
	Plan achromatic objectives with long working distance (no cover glass) PL 60X/0.75(Spring)
Eyepieces tube	Trinocular, Inclination of 30°, (Analyzer with field diaphragm to switch)

Vertical illumination unit	6V 20w, halogen lamp, brightness control.
	Vertical illumination with field diaphragm, aperture diaphragm and polarizer,(Y,B,G)filter and frosted filter
Focus system	Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum division of fine focusing: 2 μ m.
Nosepiece	Quadruple(Backward ball bearing inner locating)
Stage	Double layer mechanical (Size:185mmX140mm,movingrange:75mmX50mm)
Vertical illumination unit	Abbe condenser NA.1.25 Rack & pinion adjustable
	Blue filter and frosted filter
	Collector for halogen lamp
	6V 20w halogen lamp, brightness control.

Size of microscope





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