

DIC Inverted Metallurgical Microscope with UIS Optic System and Wide Field Eyepiece



iMet-224DIC Differential Interference Contrast Metallurgical microscope is suitable for differential-interference -contrast-observation in the surface of un-transparent object.

It equips with excellent UIS optical system and the notion of modularization function design, provide excellent optical performance and the update of the system.

iMet-224DIC has beautiful configuration, easy operation, clear image, so it is the perfect research instrument for detection and analytic of the precision engineering, etc.

Specification:

Eyepiece	Wide field WF10X(Φ 22mm)
Objective	Infinity plan achromatic objectives with long working distance(no cover glass)
	LMPlan5X/0.12DIC Work distance: 18.2 mm
	LMPlan10X/0.25DIC Work distance: 20.2 mm
	LMPlan20X/0.35DIC Work distance: 6.0 mm
	PL L50X/0.70 Work distance: 3.68 mm
DIC push-pull group	Suitable for LMPlan5X, 10X, 20X DIC objective
Eyepiece tube	Inclination 45°and interpupillary distance:53~75mm
Focus system	Coaxial coarse/fine focus with tension adjustable and up stop,minimum division of fine focusing:2.0 μ m.
Nosepiece	Quintuple(backward ball bearing inner locating)
Stage	Mechanical stage,size: 242mmX200mm, moving range: 30mmX30mm.
	Rotundity and rotary stage size: Φ 130mm minimal clear aperture is less then Φ 20mm
Illumination system	12V50W halogen lamp, brightness adjustable
	Integrated field diaphragm ,aperture diaphragm and system polarizer
	Equipped with frosted glass and yellow ,green and blue filters