

Upright Metallurgical Microscope with UIS Optical System with Coarse/Fine Focus



Upright metallurgical microscope is suitable to observe surface of opaque object or transparent object, equips with excellent UIS optical system and modularization function design so that provided excellent optical quality and operation performance, update system expediently and provided observation in reflected or transmitted and mixed illumination, polarizing observation, dark field observation.

It has beautiful sculpt, convenient control and clear image, thus it is an ideal instrument in research work in biology, metallography, mineralogy, precision engineering, electronics, ect.

Technical specifications (standard):

Eyeiece	10X wide field plan eyepiece and FOV is $\Phi 22\text{mm}$, the eyepiece interface is $\Phi 30\text{mm}$		
Infinity plan achromatic objectives	iMet-216A (Equipped bright field objective)	PL L5X/0.12 working distance: 26.1 mm	
		PL L10X/0.25 working distance: 20.2 mm	
		PL L40X/0.60 working distance: 3.98 mm	
		PL L60X/0.70 working distance: 3.18 mm	
	iMet-216ABD (Equipped with dark / bright field objective)	PL L5X/0.12 BD working distance: 8.05 mm	
		PL L10X/0.25BD working distance: 7.86mm	
		PL L20X/0.40 BD working distance: 7.2mm	
		PL L40X/0.60BD working distance: 3.0 mm	
Eyeiece tube	Trinocular inclined 30° , pupil separation 53~75 mm.		
Focusing	Coaxial coarse/fine focus system, with adjustable device, division of fine focusing: $2.0\mu\text{m}$.		
Nosepiece	Quintuple (Backward ball bearing inner locating)		
Stage	Mechanical stage, overall size: 210mmX140mm, moving range: 63mmX50mm		
Illumination system	iMet-216A	6V30W halogen and brightness enable control.	
	iMet-216ABD	12V30W halogen and brightness enable control for transmission illumination.	
	Integrated field diaphragm, aperture diaphragm and puller type polarizer.		
	Equipped with ground glass and yellow ,green and blue filters		
Optional Accessory	Eyeiece	Dividing eyepiece ($\Phi 22\text{mm}$)	
	Objective	iMet-216A	Bright field objective 20X, 50X, 80X, 100X(Dry)
		iMet-216ABD	Bright&dark field objective 50X, 60X, 80X, 100X
	CCD adapter	0.5X, 1X, 0.5X (with dividing)	
	Camera	USB output 1.3M, 3.0M, 5.0M, 10Mpixel	
Digital camera adapter	Cannon (EF), Nikon (F)		