XJP-412J

XJP-412J inverted bright & dark field metallurgical microscope is designed with the infinite optical system, wide field eyepiece and long working distance bright & dark field infinite plan objectives and polarization device.As a large scientific research level metallurgical microscope, it meets the demand of all kinds of physicochemical analysis and inspection.It can be equipped with microscopic photography & video and image analysis system.The instrument can be used in the metallographic examination, metallographic analysis and the research work of surface coating, crack and so on.

Specification		
Optical system	infinite optical system	
Viewing Head	Compensation Free trinocular Head inclined at 45° interpupillary distance adjustable 48mm-75mm	
Eyepiece	Wide field Plan WF10X/22mm	
	WF10×/20mm,crosshair with reticule 0.1mm	
Objective	infinity plan working distance B&D objective 5×/0.15（W.D.14.47mm） 10×/0.25（W.D.16.01mm） 20×/0.40（W.D.10.5mm） 50×/0.55（W.D.5.1mm）	
Nosepiece	Quintuple Nosepiece with DIC Jack	
Stage	Double layer mechanical stage	
	Stage Size: 255mm×170mm	
	Moving Range：70mm×50mm	
	Low located XY adjusting hand wheel	
Focusing	Coaxial coarse & fine focusing adjustment,fine focusing scale value 0.001mm	
Light source	Kohler illumination with aperture iris diaphragm and field iris diaphragm Halogen Bulb 12V/100W， AC85V-230V Brightness adjustable	
Polarizing Device	Analyzer rotatable 360°, Polarizer & can be seeing out of the light path	
Filter	Green、Blue、Neutral	
Checking Tool	0.01mm Micrometer	
Optional Accessory	Eyepiece：WF15X/17mm、WF20X/12.5mm	
	objective：infinite Plan Long working distance B&D objectives	

	80X/0.70（W.D.3.1mm）、 100X/0.80（W.D.3.01mm）	
	DIC Device	
	Photography attachment and CCD C-mount 0.5X、0.57X、0.75X 1.3Mega、2.0Mega、3.0Mega、5.0Mega、10.0Mega pixels	
	CMOS Digital camera eyepiece	
	CCD Camera,colour 1/3 High resolution 700 TV lines	
	Two-dimensional measurement software	
	Metallurgical image analysis software	
	Micrometer eyepiece	
	Various Industrial Camera	