

Inverted Metallurgical Microscope

Model: M-41X

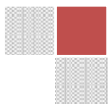


(Photo for reference only)

Product Introduction

The image quality of this microscope is comparable to that of imported microscopes, and it is one of the best microscopes in domestic metallographic microscopes.

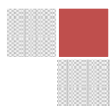
- ✓ Total magnification: 50 -500X
- ✓ Optical system: Infinite aberration correction optical system (CSIS), better image quality, higher resolution, more comfortable observation;
- ✓ Objective: Infinite and long working distance professional metallographic objective 50X and 100X objective are the chromatic aberration, the resolution of the image is greatly improved.
- ✓ Eyepiece: High eye point, ultra-wide visual field eyepiece, PL10x/22mm, providing wider and flatter observation space and various kinds of micrometer for measurement;
- ✓ Watch cylinder: Hinged ternary, depending on the degree of the adjustable, 45° inclined, photographic camera, can be the observed image collection and preservation, configuration, computer and professional software to realize image analysis;



- ✓ Focusing mechanism: Low hand rough fine tuning coaxial focusing mechanism, with coarse adjustment and elastic adjustment device, coarse adjustment of 38mm per revolution and fine tuning precision of 0.002mm;
- ✓ Lighting system: Reflection-type cora illuminator with variable diaphragm and central adjustable diaphragm in the field of view, adaptive 90v-240v wide voltage, 12V50W imported halogen lamp, effectively protect and extend the service life of halogen bulb;
- ✓ Carrier platform: It can be equipped with coaxial low-hand adjustment moving ruler and extension plate of carrier platform to expand application space and meet different needs of customers.

Technical Specifications

Model	M-41X	
Magnification	50X, 100X, 200X, 500X adjustable (standard 10X eyepiece, 100X optional)	
	Specification	Quantity
	High eye area wide field eyepiece PL10X/22mm	1 couple
	<p>Three eyepiece, eye observation tube, observation and photographic ratio, 1°45° inclined, pupil distance adjustment range: 54-75mm</p> <p>Low-hand coaxial rough fine-tuning focus mechanism movement 38mm, precision fine-tuning 0.002mm, adjustable elastic device to prevent slipping</p> <p>Five-hole converter, reflector cora illuminator with a variable aperture and a central adjustable aperture.</p> <p>12V 50W halogen light, wide voltage 100V-240V, the brightness is continuously adjustable. Fixed platform size: 160mm x 250mm</p>	1 set
	Infinitely long working distance field achromatic metallographic objective: 5XLMPL5X/0.15WD01.8mm	1 pc
	Infinitely long working distance field achromatic metallographic objective: 10XLMPL10X/0.3WD10mm	1 pc
	Infinitely long working distance field achromatic metallographic objective: 20XLMPL20X/0.45WD4mm	1 pc
	Infinitely long working distance field achromatic metallographic objective: 50XLMPL50X/0.55WD7.8mm	1 pc
	Infinitely long working distance field achromatic metallographic objective: 100XLMPL100X/0.80WD2.1mm	Optional



	12V 50W halogen light, the filament center is adjustable, the focal length can be adjusted	1 set
	Metal carrier platform (Center hole diameter 12mm)	1 pc
	Mechanical ruler, movement 120 (X) * 78 (Y)mm	1 set
	Rectangular loading table	1 pc
	Stage extension	1 pc
	Polarizing lens insert	1 pc
	Biased lens insert, can be 360° rotation	1 pc
	Filter (blue, green, yellow)	1 pc
	C-mount, adjustable focal, 1/2CTV(0.5X)	1 pc
Light Source	Reflective lightning system (12V 50W halogen light), brightness can be adjusted	
	Objective Lens 100X (magnification up to 100X)	1 pc
	Metallographic image analysis and measurement software (Image-3000)	1
Optional	Metallographic automatic rating software (MIAS3000)	

