



50X - 500X Trinocular BD, DIC Metallurgical Optical Microscope with Semi-APO A13.0901

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A13.0901
- Minimum Order Quantity: 1 pc
- Price: FOB \$1~1000, Depend on Order Quantity
- Packaging Details: Carton Packing, For Export Transportation
- Delivery Time: 5~20 Days
- Payment Terms: T/T, West Union, Paypal
- Supply Ability: 5000 pcs/ Month



Product Specification

- Application: Learning|Metallurgical
- Certification: CE|Rohs
- Drawtube: Binocular
- Illumination: LED
- Magnification: 50X - 500X
- Theory: Metallurgical Optical Microscope
- Highlight: reflected light microscope, halogen lamp microscope



More Images



Product Description

Description:

A13.0901 DIC Metallurgical Microscope, with flexible system, excellent imaging performance and stable system architecture. It is professional used in industrial testing and metallographic analysis. The operating mechanism according to ergonomic design. That can maximum reduce fatigue during using. Modular component design can freely assemble.

--Integrated Bright Field/Dark Field/ Oblique Illumination, Polarizing, DIC Differential Interference

--4" Double Layer Mechanical Stage X/Y Moving Range Achieve 158*158mm

--New Design Long Working Distance Professional Metallurgical Objectives

--High Power Semi-Apochromatic Technology Objective

Variety of Observation Methods To Have Sharp and High Contrast Microscopic Image

--Accessories Complete, Well Equipped, The System Can be Flexibly Combined

--Ergonomic Design, Reliable System Architecture

Specifications:

A13.0901 BD, DIC Metallurgical Microscope		A	B
Optical System	Bright Field/Dark Field, Polarizing, DIC	0	
	Bright Field/Dark Field, Polarizing, DIC, Transmit Light		0
Head	25° Inclined Trinocular, Splitting Ratio 100:0 or 50:50, Erect Image		
Eye-piece	High Eyepoint Plan PL10x/22mm		

Objective	Long Working Distance Infinity Plan Metallurgical BF/DF DIC/Achromatic	LMPL5X/0.15 WD10.8MM	
	Long Working Distance Infinity Plan Metallurgical BF/DF Semi-APO	LMPL10X/0.3 WD10MM	
		LMPL20X/0.45 WD4MM	
		LMPL50X/0.55 WD7.8MM	
Nosepiece	Intilted, Quintuple Bright/Dark Field, With DIC Slot		
Stage	6 " Three Layer Mechanical Stage, Moving Range 158*158mm, withl Glass Stage, XY Moving Hand Wheel, with Clutch Hand, Right Hand Shank, Can Move Quickly	o	
	6 " Three Layer Mechanical Stage, Moving Range For Reflection 158*158mm, For Transmission 100*100mm, withl Glass Stage, XY Moving Hand Wheel, with Clutch Hand, Right Hand Shank, Can Move Quickly		o
Focusing	Coaxial Coarse & Fine Focusing, Coarse Focus Range 33mm, Fine Focusing Precision 0.001mm,With Coarse Adjustment Stop and Tightness Adjustment		
Illumination	Reflect Illumination, With Iris Field Diaphragm and Aperture Diaphragm, Central Adjustable, with Filter Slot and Polarizing Slot, With Switch Device With Bright and Dark Field, 12V100W Halogen Bulb, Pre-Centering, Digital Dimming Can Be With Bright Intensity Settings And Reset Function		
	Transmitted Illumination, Single High Power 5W LED, White Brightness Adjustable, N.A.0.5 Condenser, with Iris Diaphragm		o
Polarizing	Fixed Polarizer Flashboard, Dia.30mm 360° Rotatable Analyser Flashboard		
Power	90-240V Wide Voltage, One Way Power Output	o	
	90-240V Wide Voltage, Double Way Power Output		o
A13.0901 BD, DIC Metallurgical Microscope Optional Accessories			
Eyepiece	High Eyepoint Plan PL15x/16mm PL15x16	A51.0903-1516	
	High Eyepoint Plan PL10x/22mm, with Cross PL10x22r,	A51.0905-1022R	
	High Eyepoint Plan PL10x/22mm, Diopter Adjustable, PL10x22T	A51.0904-1022T	
Objective	Long Working Distance Infinity Plan Metallurgical BF/DF Semi-APO LMPL100X/0.8 WD2.1MM	A5M.0940-100	
DIC	DIC Attachment Set		A5M.0950
Filter	Interface Filter For Reflect ill umination	Blue, <480nm	A5M.0951-B
		Green, 520-570nm	A5M.0951-G
		Red, 630-750nm	A5M.0951-R
		Netural, for White Balance	A5M.0951-LBD
Other	Specimen Presser		A5M.0920
Adapter	0.5x C-Mount, for 1/2" CCD, Focus Adjustable		A55.0928-50
	1.0x C-Mount, Focus Adjustable		A55.0928-10
	Digital Camera Adapter with Photo Eyepiece		A55.0910



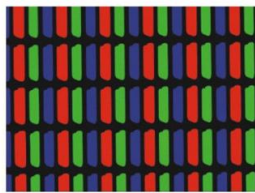
A13.0901 Metallurgical Microscope
Industrial detection level microscope body, low center of gravity, high rigidity, high stability metal body,
can improve the shakeproof and image stability.
Preposed low position coaxial coarse and fine focus system, built-in 90-240V wide voltage. Perfect
cooling system for long time use without overheating.



A13.0901 Metallurgical Microscope
 Trinocular head with C-Mount, splitting ratio for binocular : trinocular = 100:0 or 50:50



FPC 10x Dark Field View



LC 10x Transmit Light Bright Field View



FPC 10x Bright Field View



FPC 10x Oblique Illumination



A13.0901 Metallurgical Microscope
High Performance Nosepiece
 Precision bearing design for nosepiece, comfortable and positioning accurate, good concentricity, different kind of nosepiece for option.

Quintuple Bright/Dark Field Nosepiece, with DIC prism slot.



Nomarski DIC prism, can show obvious emboss for the small high-low difference increase the image contrast. 5x, 10x, 20x are specially designed for DIC.



Conducting Particles 20x DIC



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