



Metallurgical Optical Microscope Trinocular

Our Product Introduction

for more products please visit us on cnoec.com

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A13.0900
- 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: Research|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

Oblique Illumination Metallurgical Optical Microscope 50X - 500X Binocular

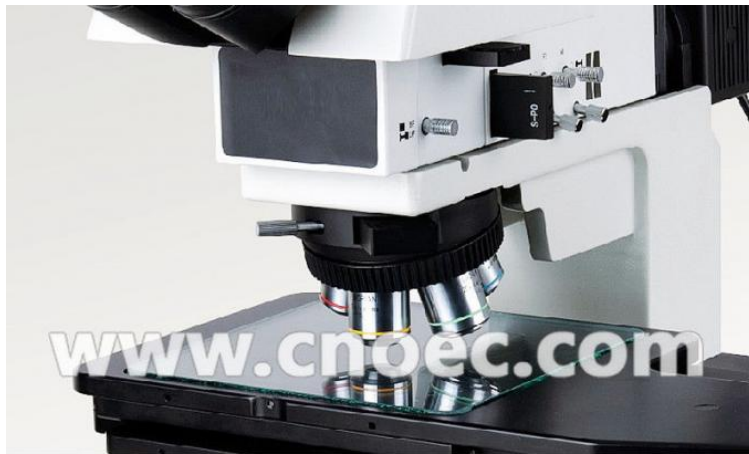
A13.0900 DIC Metallurgical Microscope, with flexible system, excellent imaging performance and stable system achitecture. It is professional used in industrial testing and metallographic analysis. The operating mechanism according to ergonomic design. That can maximum reduce fatigue during using. Modular component design can freely assemble.

- Intergrated Bright Field/ Oblique Illumination, Polarizing, DIC Differential Interference
- 4" Double Layer Mechanical Stage X/Y Moving Range Achieve 105*105mm
- 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

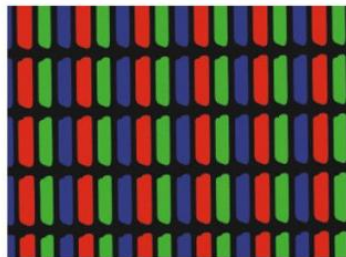
Specifications:

A13.0900 DIC Metallurgical Microscope		A	B
Optical System	Bright Field/Oblique Light, Polarizing, DIC	o	
	Bright Field/Oblique Light, Polarizing, DIC , Transmit Light		o
Head	30° Inclined Trinocular, Splitting Ratio 100:0 or 50:50		
Eyepiece	High Eyepoint Plan PL10x/22mm		
Objective	Long Working Distance Infinity Plan Metallurgical DIC Achromatic	LMPL5X/0.15 WD10.8MM	
		LMPL10X/0.3 WD10MM	
		LMPL20X/0.45 WD4MM	
	Long Working Distance Infinity Plan Metallurgical Semi-APO	LMPL50X/0.55 WD7.8MM	
Nosepiece	Tilted, Quintuple, With DIC Slot		
Stage	4" Double Layer Mechanical Stage, Moving Range 105*105mm, with Metal Flat Stage, Right Hand Position, XY Moving Hand Wheel, with Stage Adaptor	o	
	4" Double Layer Mechanical Stage, Moving Range 105*105mm, with Glass Stage, Right Hand Position, XY Moving Hand Wheel, with Stage Adaptor		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 Oblique Illumination Switch. Single High Power 5W LED, White, Brightness Adjustable		
	Transmitted Illumination, Single High Power 5W LED, White Brightness Adjustable, N.A.0.5 Condenser, with Iris Diaphragm		o
Power	90-240V Wide Voltage, One Way Power Output	o	
	90-240V Wide Voltage, Double Way Power Output		o
A13.0900 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 Semi-APOLMPL100X/0.8 WD2.1MM		A5M.0938-100
DIC	DIC Attachment Set		A5M.0950
Filter	Interface Filter For Reflect illumination	Blue, <480nm	A5M.0951-B
		Green, 520~570nm	A5M.0951-G
		Red, 630~750nm	A5M.0951-R
		Neutral, for White Balance	A5M.0951-LBD
Other	Specimen Presser		A5M.0920
Polarizing	Fixed Polarizer Flashboard, Dia.30mm		A5P.0920-RP
	360° Rotatable Analyser Flashboard		A5P.0920-TA
	Fixed Analyser Flashboard, Dia.30mm		A5P.0920-RA
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



FPC 10x Dark Field View



LC 10x Transmit Light Bright Field View



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FPC 10x Bright Field View



FPC 10x Oblique Illumination



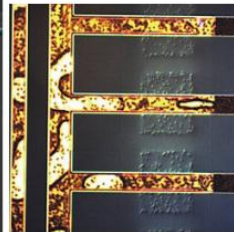
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A13.0900 Metallurgical Microscope High Performance Nosepiece
 Precision bearing design for nosepiece, comfortable and positioning accurate, good concentricity, different kind of nosepiece for option.

Quintuple Bright 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



A13.0900 Bright Field Reflect Illuminator Single 5W LED, With Oblique Illumination
A13.0901 Bright Field Reflect Illuminator Single 12V100W Halogen Lamp



CCD & Photo Adapter

Erect gemel trinocular head, with wide field of view.



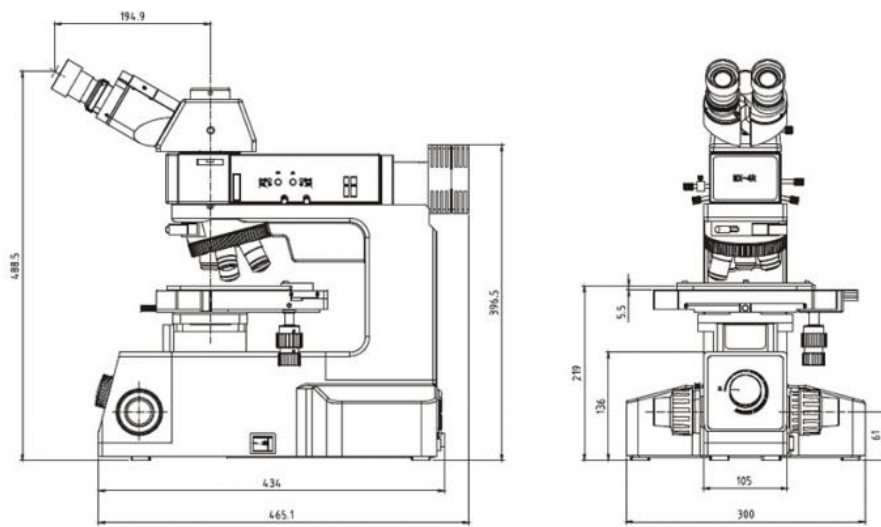
A13.0900 Metallurgical Microscope. LMPL Infinity long working distance metallurgical objective



A13.0900 Metallurgical Microscope. LMPL-BD Infinity long working distance bright/dark field metallurgical objective



A13.0900 Metallurgical Microscope. Use 12V100W halogen illumination, choose LBD sunlight filter, to get soft bright and white background. In industry use, choose other filter to adjust the light spectrum to get the best image result.



A13.0900 Metallurgical Microscope. System Dimension



Opto-Edu (Beijing) Co., Ltd.

☎ 0086 13911110627

✉ sale@optoedu.com

🌐 cnoec.com

F-1501 Wanda Plaza, No. 18 Shijingshan Road, Beijing 100043, China