Semi-Apochromatic Objective , DIC Metallurgical Optical Microscope Bright Field A13.0900

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC
- Certification: CE
- Model Number: A13.0900
- Minimum Order Quantity: 1
- Price: $1-$10000
- Packaging Details: Carton
- Delivery Time: 1month
- Payment Terms: T/T,West Union and Paypal
- Supply Ability: 10000

Product Specification

- Application: Metallurgical
- Certification: CE
- Drawtube: Trinocular
- Illumination: LED
- Highlight: **reflected light microscope**, **bright field microscope**

More Images

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Our Product Introduction

Product Description

Semi-Apochromatic Objective , DIC Metallurgical Optical Microscope A13.0900

A13.0900 DIC Metallurgical Microscope, with flexible system, excellent imaging performance and stable system achritecure. 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, Polaraizing, DIC Differential Interference
--4" Double Layer Mechanical Stage X/Y Moving Range Achieve 105*105mm
--New Deisgn Long Working Distance Professional Metallurgical Objetives
--High Power Semi-Apochromatic Techanlogy 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

A13.0900 DIC Metallurgical Microscope		A	B
Optical System	Bright Field/Oblique Light, Polarizig, DIC	o	
	Bright Field/Oblique Light, Polarizig, DIC , Transmit Light		o
Head	30° Inclinded Trinocular, Spiltting Ratio 100:0 or 50:50		
Eyepiece	High Eyepoint Plan PL10x/22mm		

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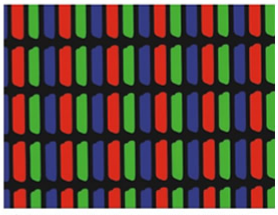
Objective	Long Working Distance Infinity Plan Metallurgical **DIC** Achromatic	LMPL5X/0.15 WD10.8MM	
		LMPL10X/0.3 WD10MM	
		LMPL20X/0.45 WD4MM	
	Long Working Distance Infinity Plan Metallurgical **Semi-APO**	LMPL50X/0.55 WD7.8MM	
Nosepiece	Intilted, Quintuple, With DIC Slot		
Stage	4" Double Layer Mechanical 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-APO** LMPL100X/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
		Netural, 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

A13.0900 Metallurgical Microscope

A13.0900 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, buil-in 90~240V wide voltage.
Perfect cooling system for long time use without overheating.

FPC 10x Dark Field View


LC 10x Transmit Light Bright Field View

A13.0900 Metallurgical Microscope
Bright Field Reflect Illuminator : Single 5W white LED, with oblique illumination, or 12V100W Halogen Lamp

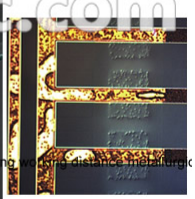
CCD & Photo Adapter

Erect gemel trinocular head

FPC 10x Bright Field View

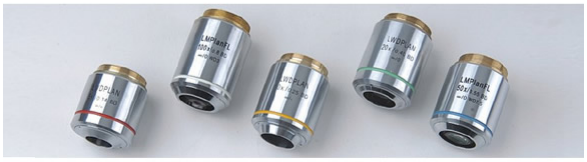
FPC 10x Oblique Illumination

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

LMPL-BD Infinity long working distance bright/dark field metallurgical objective



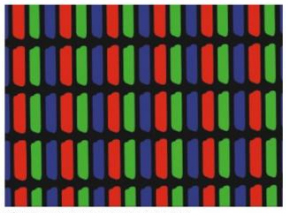
LMPL-BD Infinity long working distance bright/dark field metallurgical objective

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
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, buil-in 90~240V wide voltage. Perfect cooling system for long time use without overheating.

A13.0900 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

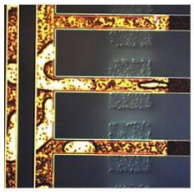
FPC 10x Bright Field View

FPC 10x Oblique Illumination

A13.0900 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 Metallurgical Microscope
Bright Field Reflect Illuminator : Single 5W white LED, with oblique illumination, or 12V100W Halogen Lamp

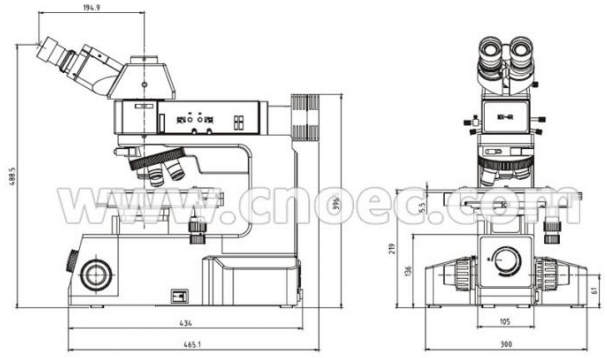
CCD & Photo Adapter

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

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