



APO DIC Metallurgical Optical Microscope Halogen Lamp Illumination

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A13.0910
- 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

- Eyepiece: High Eyepoint Plan PL10x/25mm, Diopter Adjustable
- Objective: LWD Infinity Plan Metallurgical BF/DF DIC Semi-APO Objective
- Nosepiece: BD Sextuple Nosepiece (With DIC Slot)
- Working Stage: 4" Three Layer Mechanical Stage, For Transmit & Reflect Light
- Reflect Light: BF/DF Reflect Illumination
- Polarizing For Reflect Light: Fixed Polarizer Flashboard
- Highlight: **reflected light microscope, bright field microscope**



More Images



Product Description

APO DIC Metallurgical Optical Microscope Halogen Lamp Illumination

- A13.0910 DIC Metallurgical Microscope, APO, newly developed in 2014!
- Infinity Optical System, Semi-Achromatic, Fluorescent Objectives
 - BF Nosepiece, With Socket For DIC
 - Large Double Layer Mechanical Stage, 187*166mm
 - Swing-Out Achromatic Condenser, N.A.0.9
 - 12V100W Halogen Lamp, Center Adjusted,
 - Digital Dimming System, With LED Indicator
 - Reflect BF/DF Light Source, With Iris Diaphragm

A13.0910 Upright Metallurgical Microscope, BF/DF, DIC, Semi-APO, Polarizing		R	RT	Cata. No.
Infinity Optical System	BF/DF, Bright Field/Dark Field, Reflect Light	●		
	BF/DF, Bright Field/Dark Field, Transmit & Reflect Light		●	
	PL, Polarizing	●	●	
	DIC, Different Interference Contrast	○	○	
	30° Inclined Erect Image Infinity Gemel Trinocular Head, Interpupillary Distance 50~76mm, Light Spitting Ratio Switch E100:P0/E0:P100,	●	●	A53.0913-T30E

Our Product Introduction

Head	30° Inclined, Invert Image Infinity Gemel Trinocular Head, Interpupillary Distance 50~76mm; Light Splitting Ratio Switch R:T=100:0 or 20:80 or 0:100	○	○	A53.0913-T30
	5-35° Tilttable, Inverted Image, Infinity Gemel Trinocular Head, Interpupillary Distance 50~76mm; Light Splitting Ratio 50:50 or 100:0 or 0:100	○	○	A53.0913-T535
CCD Adapter	0.5x C-Mount, For 1/2"CCD, Focus Adjustable	○	○	A55.0930-05
	0.35x C-Mount, For 1/2"CCD, Focus Adjustable	○	○	A55.0930-35
	0.65x C-Mount, For 1/2"CCD, Focus Adjustable	○	○	A55.0930-65
	1.0x C-Mount, For 1"CCD, Focus Adjustable	○	○	A55.0930-10
Eyepiece	High Eyepoint Plan PL10x/25mm, Diopter Adjustable	●	●	A51.0904-1025T
	High Eyepoint Plan PL10x/26.5mm, Diopter Adjustable	○	○	A51.0904-10265T
	High Eyepoint Plan PL10x/25mm, Diopter Adjustable, With Reticle	○	○	A51.0905-1025T
	High Eyepoint Plan PL10x/26.5mm, Diopter Adjustable, With Reticle	○	○	A51.0905-10265T
Objective	Infinity Plan Semi-APO LWD Metallurgical BF/DF DIC Objective			
	5x/0.15, W.D.=13.5mm	●	●	A5M.0941-5
	10x/0.30, W.D.=9mm	●	●	A5M.0941-10
	20x/0.50, W.D.=2.5mm	●	●	A5M.0941-20
	20x/0.40, W.D.=8.5mm	○	○	A5M.0941-20A
	50x/0.80, W.D.=1.0mm	●	●	A5M.0941-50
	100x/0.90, W.D.=1.0mm	●	●	A5M.0941-100
	Infinity Plan Semi-APO LWD Metallurgical BF DIC Objective			
	5x/0.15, W.D.=19.5mm	○	○	A5M.0942-5
	10x/0.30, W.D.=10.9mm	○	○	A5M.0942-10
	20x/0.50, W.D.=3.20mm	○	○	A5M.0942-20
	50x/0.80, W.D.=1.20mm	○	○	A5M.0942-50
	100x/0.90, W.D.=1.0mm	○	○	A5M.0942-100
	Semi-APO Objective With Correcting Ring 50X/0.70, WD=2.3~2.9mm	○	○	A5M.0945-50
Nosepiece	BF/DF 5 Holes, With Socket For DIC Slide & Polaring Analyzer Slide, For Metallurgical	○	○	A54.0930-RM5BD
	BF/DF 6 Holes, With Socket For DIC Slide & Polaring Analyzer Slide, For Metallurgical	●	●	A54.0930-RM6BD
	BF 6 Holes, With Socket For DIC Slide & Polaring Analyzer Slide, For Metallurgical	○	○	A54.0930-RM6
	BF 7 Holes, With Socket For DIC Slide & Polaring Analyzer Slide, For Metallurgical	○	○	A54.0930-RM7
DIC	DIC Attachment, Apply For BD Objective	○	○	A5M.0952
Working Stage	4" Three Layer Mechanical Stage, For Transmit & Reflect Light Moving Range 102*105mm, Low Position X/Y Moving Handle, With Glass Plate For RT Model, With Metal Plate For R Model	●	●	A54.0950-M4
	Rotatable Working Stage 4", For Wafer 2", 3", 4"	○	○	A54.0950-W234
Focusing	Low-Position Coaxial Coarse & Fine Adjustment, Coarse Adjustment Distance: 25mm; Fine Precision: 0.001Mm. With Coarse Adjustment Stop And Tightness Adjustment.	●	●	
Main Body	Reflected Body, Digital Dimming System With Light Indicator, Brightness Set & Reset Function	●		
	Reflected/Transmitted Body, Digital Dimming System With Light Indicator, Brightness Set & Reset Function, With Condenser Holder	●		
Transmit Light	12V100W Halogen Lamp House, Pre-Centered	●		A56.0915-LH
	12V100W Halogen Bulb (Philps 7724)	●		A56.0923-12100
	Swing-out Type Achromatic Condenser, N.A.0.9/0.25	●		A56.0934-R
Reflect Light	Built-In Transmit Filters LBD/ND6/ND25	●		
	BF/DF Reflect Illuminator, With Iris Field Diaphragm and Aperture Diaphragm, Both Central Adjustable, With Filter Slot and Polarizing Slot, With BF/DF Switch	●	●	A56.0915-RL
	12V100W Halogen Lamp House, Pre-Centered	●	●	A56.0915-LH
	12V100W Halogen Bulb (Philps 7724)	●	●	A56.0923-12100
	Interference Filter, For Reflect Light, Netural White	●	●	A5M.0953-LBD
	Interference Filter, For Reflect Light, Blue, <480nm	○	○	A5M.0953-B
Polarizing For Reflect Light	Interference Filter, For Reflect Light, Green, 520~570nm	○	○	A5M.0953-G
	Interference Filter, For Reflect Light, Red, 630~750nm	○	○	A5M.0953-R
	Fixed Polarizer Flashboard	●	●	A5P.0924-RP
Power	360° Rotatable Analyzer Flashboard	●	●	A5P.0924-RA360
	Fixed Analyzer Flashboard	○	○	A5P.0924-RA
	Built-In 100-240V Wide Voltage Transformer, One Way Power Output	●		
Other	Built-In 100-240V Wide Voltage Transformer, Double-Way Power Output.	●		
	Allen Key M3	●	●	
Upgrade Series Model	Allen Key M4	●	●	
	Specimen Presser	○	○	A5M.0920
Biological Fluorescent	A13.0910 DIC Metallurgical Microscope, APO			A13.0910
Remark: ● Means Standard Outfit, ○ Means Optional				



A13.0910

Upright Metallurgical Microscope, BF+DF+PL+DIC, Semi-APO



Head & Eyepiece

30° Inclined Erect Image Infinity Gemel
T trinocular Head, Interpupillary Distance
50-76mm, Plan PL10x/25mm Eyepiece
Diopter Adjustable

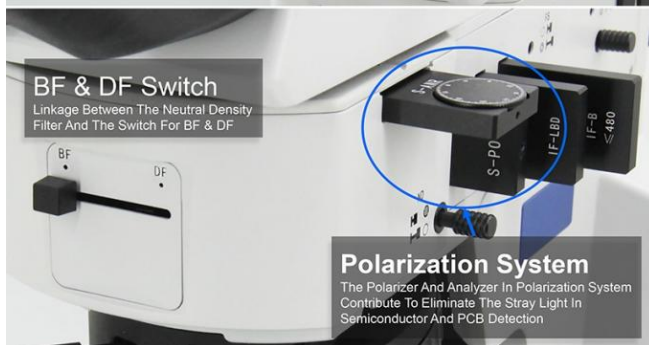


C-Mount Adapter 0.6X

Light Splitting Ratio Switch
E100:P0/E0:P100

BF & DF Switch

Linkage Between The Neutral Density
Filter And The Switch For BF & DF



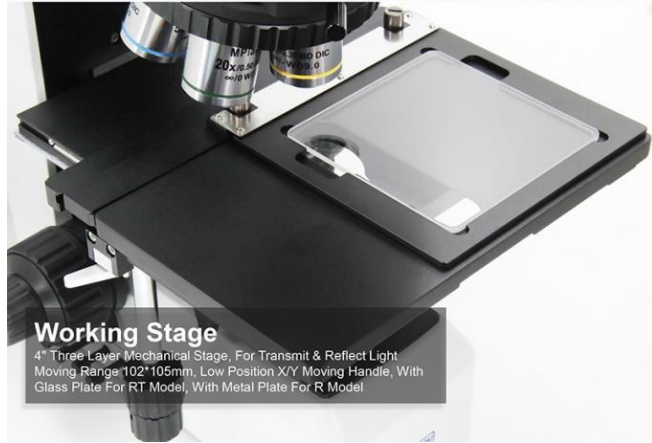
Polarization System

The Polarizer And Analyzer In Polarization System
Contribute To Eliminate The Stray Light In
Semiconductor And PCB Detection



BF/DF DIC Semi-APO Objective

LWD Infinity Plan Metallurgical BF/DF DIC Semi-APO Objective
5x, 10x, 20x, 50x, 100x



Working Stage

4" Three Layer Mechanical Stage, For Transmit & Reflect Light
Moving Range 102*105mm, Low Position X/Y Moving Handle, With
Glass Plate For RT Model, With Metal Plate For R Model



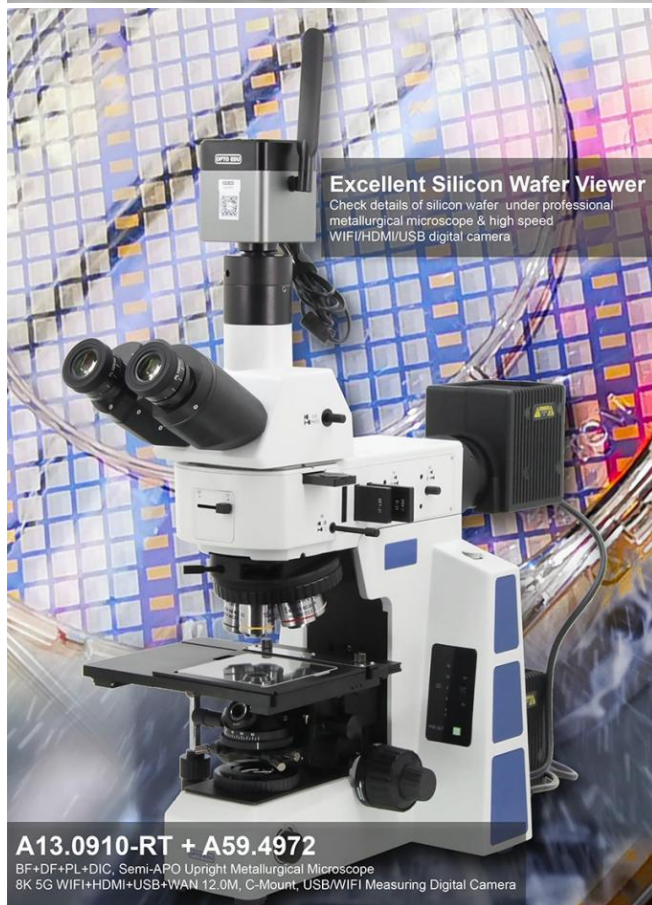
12V100W Halogen Light Source

A13.0910-R Reflect Light, A13.0910-RT Reflect & Transmit Light Source
Intensity Adjustable By Digital Set And Reset; Switch For Reflection And Transmission



Swing-out Condenser

Swing-out Type Achromatic Condenser (NA 0.9/0.25)





A13.0910 DIC Metallurgical Microscope



Quintuple Nosepiece, Bright/Dark Field, With DIC Slot



Reflect Light Source, Bright/Dark Field Switch



With Iris Diaphragm, With Aperture Diaphragm, All Center Adjustable



A13.0910 DIC Metallurgical Microscope



Right Hand 4" Mechanical Stage, Moving Range 105*102mm, With Y Axis Lock, With Transmitt Light Barrier, With Glass Plate



Swing-out Achromatic Condenser N.A.0.9, Height Adjustable



A13.0910 DIC Metallurgical Microscope

--High-eyepoint Plan Eyepiece PL10X/25mm, Diopter Adjustable
--30° Inclined, Inverted Image, Infinity Gemel Trinocular Head,
With Interpupillary Distance 50-76mm, Three Split Ratio 0:100; 20:80; 100:0



Digital Dimming System, LED Indicator,
With The Function Of Light Set And Reset



Base With Built-in Filter LBD, ND6, ND25



Opto-Edu (Beijing) Co., Ltd.

☎ 0086 13911110627 ✉ sale@optoedu.com 🌐 cnoec.com

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