



BD DIC Semi APO Polarizing Dark Field Upright Metallurgical Microscope

Our Product Introduction

Basic Information

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

- Optical System: Bright Field, Dark Field, Polarizing, DIC, Reflect Light
- Head: 30° Inclined Erect Image Infinity Gemel Trinocular Head, Interpupillary Distance 50~76mm, Light Splitting Ratio Switch E100:P0/E0:P100,
- 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
- Highlight: **BD upright metallurgical microscope, DIC upright metallurgical microscope, Semi APO upright metallurgical microscope**



Product Description

Professional Lwd Semi-apochromatic Metallurgical Objectives

■ BD Objectives Are Designed For All-purpose, Available For Bright Field/dark Field/ Polarizing/dic Observation. With Plenty Passed Light, The Efficiency Of Sample Inspection Is Improved.

■ Strictly Using High Transmittance Lens And Advanced Coating Technology, Restores The Natural Color Of Samples.

■ Aluminum Cover Reduces The Weight, Prevents The Pollution, And Also Improves The Controllability Of Nosepiece.

■ Semi Apochromatic Design Improves The Contrast And Definition Of Images.

■ Long Working Distance Meets The Demands Of Professional Detection, Is Widely Applied In All Kinds Of Industrial Fields.

■ These Objectives Also Can Be Used In Fluorescence Observation.

■ Professional Lwd Bright Field Objective For Option.

THE KEY TO MICRO WORLD

OPTO-EDU



Optional Nosepieces

The Included Angle Between Optical Axis And Rotation Axis Of Multiple Nosepiece Is Decreased To 15° . It Is Helpful To Improve The Accuracy Of Centering And Focusing. 5 Holes, 6 Holes, Up to 7 Holes Nosepiece For Seven Objectives At Most Can Be Assembled At The Same Time. Continuous And Reasonable Magnifications From Low To High Is Achievable.

Ergonomic Design

- The Intensity Can Be Flexibly Adjusted By The Dimming Device Which Is Located On The Right Side Of Frame. The Voltage Change All-digital Displays. Adjusting Intensity And Coaxial Focusing At The Same Time, Improves The Work Efficiency.
- Reflected Or Transmitted Illumination Can Be Switched By The Button On The Digital Dimming Display. Using The Re-set Button To Keep The Light Intensity At Around 8v (with A Camera Mark On The Dimming Display) Which Is An Optimal Voltage For Photomicrography.
- Four Built-in Filter Holders With Three Standard Filters, One Empty Holder For Optional Filter. All The Filters Can Be Moved Out The Optical Path By Pulling Out The Lever.
- Low Position Coaxial Focusing System With Tension Adjustment. The Coarse Range Is 25mm And The Fine Precision Is 0.001mm. The Height Of A Tiny Sample, such As Solder Ball, Can Be Measured.



Stage With Adjustment On The Right Hand

4 Inches Double-layer Mechanical Stage, With The Lock Device To Limit Y Axis Movement. It Is Widely Used In Horizontal Detection To Avoid Missing. Glass Plate Is Attachable For Transmitted Light.

Transmitted And Reflected Illuminator

12v 100w Long Lifetime Lamp-house With Philips 7724 Halogen Bulb, Provides Bright And Uniform Light. New Swing-out Type Achromatic Condenser (n.a.0.9) Optimizes The Performance Of Kohler Illumination In Lower Magnification And Corrects The Chromatic And Spherical Aberration .



Digital Dimming System

LED Indicator, Function Of Light Set And Reset

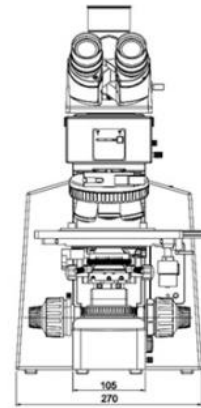
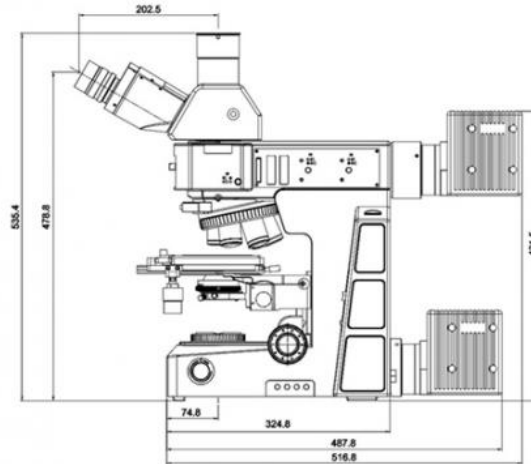


Filter

Base With Built-in Filter LBD, ND6, ND25

Size And Configuration

Size: mm



A13.0910 BD DIC Semi-APO Polarizing Metallurgical Microscope		R	RT	Cata. No.
Optical System	Bright Field, Dark Field, Polarizing, DIC, Reflect Light	●		
	Bright Field, Dark Field, Polarizing, DIC, Transmit & Reflect Light		●	
Head	30° Inclined Erect Image Infinity Gemel Trinocular Head, Interpupillary Distance 50~76mm, Light Splitting Ratio Switch E100:P0/E0:P100,	●	●	A53.0913-T30E
	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	LWD Infinity Plan Metallurgical BF/DF DIC Semi-APO Objective			
	5x/0.15, W.D.=19.5mm	●	●	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
	LWD Infinity Plan Metallurgical BF DIC Semi-APO 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	BD Sextuple Nosepiece (With DIC Slot)	●	●	A54.0930-RM6BD
	BD Quintuple Nosepiece (With DIC Slot)	○	○	A54.0930-RM5BD
	Bright Field Sextuple Nosepiece(With DIC Slot)	○	○	A54.0930-RM6
	Bright Field Septuple Nosepiece(With DIC Slot)	○	○	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	●	●	A54.0947-M4
	Rotatable Working Stage 4", For Wafer 2", 3", 4"	○	○	A54.0947-W234
Main Body & Focusing	Reflected Body, Low-Position Coaxial Coarse And Fine Adjustment, Coarse Adjustment Distance: 25mm; Fine Precision: 0.001Mm. With Coarse Adjustment Stop And Tightness Adjustment. Built-In 100-240V Wide Voltage Transformer. Intensity Adjustable By Digital Set And Reset.	●		
	Reflected/Transmitted Body, Low-Position Coaxial Coarse And Fine Adjustment, Coarse Adjustment Distance: 25mm; Fine Precision: 0.001Mm. With Coarse Adjustment Stop And Tightness Adjustment. Built-In 100-240V Wide Voltage Transformer, Double-Way Power Output. Intensity Adjustable By Digital Set And Reset; Switch For Reflection And Transmission, Built-In Transmitted Filters Lbd/Nd6/Nd25)		●	
Reflect Light	BF/DF Reflect Illumination, With Iris Field Diaphragm and Aperture Diaphragm, Both Central Adjustable, With Filter Slot and Polarizing Slot, With Bright Field/Dark Field Switch	●	●	A56.0915
	12V100W Halogen Light Box, Pre Centered	●	●●	A56.0909-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
	Interference Filter, For Reflect Light, Green, 520~570nm	○	○	A5M.0953-G
	Interference Filter, For Reflect Light, Red, 630~750nm	○	○	A5M.0953-R
Transmit Light	Transmit Illumination, 12V100W Halogen Light Box, Pre Centered		●	A56.0909-LH
	12V100W Halogen Bulb (Philps 7724)	●	●●	A56.0923-12100
	Swing-out Type Achromatic Condenser (NA 0.9)		●	A56.0934-R
Polarizing For Reflect Light	Fixed Polarizer Flashboard	●	●	A5P.0924-RP
	360° Rotatable Analyzer Flashboard	●	●	A5P.0924-RA360
	Fixed Analyzer Flashboard	○	○	A5P.0924-RA
Power	90-240V Wide Voltage, One Way Power Output	●		
	90-240V Wide Voltage, Double Way Power Output		●	
Other	Allen Key M3	●	●	
	Allen Key M4	●	●	
	Specimen Presser	○	○	A5M.0920
Remark: '●' Means Standard Outfit, '○' Means Optional				



Opto-Edu (Beijing) Co., Ltd.



0086 13911110627



sale@optoedu.com



cnoec.com

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