

OPTO-EDU A12.0910 Research Scientific Laboratory Microscope Semi-APO Upgrade BF+DF+PL+PH+FL+DIC

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A12.0910
- 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

- Head: 30° Inclined, Invert Image Infinity Gemel Trinocular Head
- Eyepiece: High Eyepoint Plan PL10x/25mm, Diopter Adjustable
- Nosepiece: BF 6 Holes, With Socket For DIC Slide & Polaring Analyzer Slide
- Objective: Infinity Plan Semi-APO Fluorescent Objective
- Working Stage: Double Layer Mechanical Stage, 187*166mm
- Focusing: Low-Position Coaxial Coarse & Fine Adjustment
- Highlight: **digital trinocular microscope,**
infinity plan microscope

Product Description

Infinity Plan Semi-APO Laboratory Microscope, Upgradeable , Semi-APO, Upgrade BF+DF+PL+PH+FL+DIC, Metallurgical Trinocular Head With Inverted/Erect Image, Three Split Ratio E100:P0/E20:P80/E0:P100

Super Wide Field Plan Eyepiece 10x/25mm, 10x/26.5mm & Infinity Plan Semi-APO Fluorescent 4x,10x,20x,40x,100x

BF Nosepiece Sextuple Nosepiece, With Socket For DIC

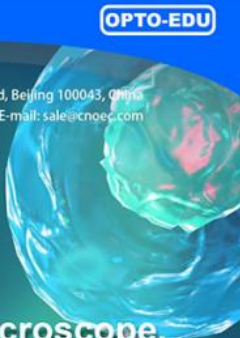
Transmit Light 12V100W Halogen, Digital Dimming System With Light Indicator, Brightness Set & Reset Function

Item	A12.0910 Research Scientific Laboratory Microscope, Semi-APO, DIC A16.0910 Research Scientific Fluorescent Microscope, Semi-APO, DIC	A12.0910	A16.0910	Cata. No.
Optical System	Infinity Optical System, BF Bright Field	●	●	
	Semi-APO, Semi Apochromatic	●	●	
	APO, Apochromatic	○	○	
	DF, Dark Field	○	○	
	PL, Polarizing	○	○	
	PH, Phase Contrast	○	○	
	DIC, Different Interference Contrast	○	○	
	FL, Fluorescent	○	○	
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
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
Nosepiece	BF 5 Holes, With Socket For DIC Slide & Polaring Analyzer Slide	○	○	A54.0930-R5
	BF 6 Holes, With Socket For DIC Slide & Polaring Analyzer Slide	●	●	A54.0930-R6
	BF 7 Holes, With Socket For DIC Slide & Polaring Analyzer Slide	○	○	A54.0930-R7
Objective	Infinity Plan Semi-APO Fluorescent Objective			
	Semi-APO Fluorescent 4x/0.13, W.D.=16.43mm	●	●	A5F.0950-4
	Semi-APO Fluorescent 10x/0.3, W.D.=8.13mm	●	●	A5F.0950-10
	Semi-APO Fluorescent 20x/0.5, W.D.=2.03mm	●	●	A5F.0950-20
	Semi-APO Fluorescent 40x/0.75, W.D.=0.74mm	●	●	A5F.095040
	Semi-APO Fluorescent 100x/1.3, W.D.=0.18mm	●	●	A5F.0950-100
	Infinty Plan APO Flourscent Objective			
	APO Fluorescent 2x/0.08, WD=6.2mm	○	○	A5F.0951-2
	APO Fluorescent 4x/0.13, WD=16.6mm	○	○	A5F.0951-4
	APO Fluorescent 10x/0.40, WD=2.1mm	○	○	A5F.0951-10
	APO Fluorescent 20x/0.75, WD=0.6mm	○	○	A5F.0951-20
	APO Fluorescent 40x/0.95, WD=0.15mm	○	○	A5F.0951-40
	APO Fluorescent 60x/0.90, WD=0.26mm	○	○	A5F.0951-60
	APO Fluorescent 100x/1.35, WD=0.13mm	○	○	A5F.0951-100
Working Stage	Centering Objective For Fluorescent	○	●	A5F.0930-1
Focusing	Double Layer Mechanical Stage, 187*166mm, Moving Range 80*55mm, Precision 0.1mm, Double Direction Transmission, Left/Right Position Handle For Option, Tension of Torque Adjustable.	●	●	A54.0950-BF
	Low-Position Coaxial Coarse & Fine Adjustment, Coarse Adjustment Distance: 25mm; Fine Precision: 0.001Mm. With Coarse Adjustment Stop And Tightness Adjustment.	●	●	
Main Body	Transmitted 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		●	
	12V100W Halogen Lamp House, Pre-Centered	●	●	A56.0915-LH

Transmit Light	12V100W Halogen Bulb (Philips 7724)	●	●	A56.0923-12100
	Swing-out Type Achromatic Condenser, N.A.0.9/0.25	●	●	A56.0934-R
	Built-In Transmit Filters LBD/ND6/ND25	●	●	
Reflect Fluorescent Light	--6 Holes Disc Fluorescent Illuminator, With Iris Diaphragm, Aperture Diaphragm, Socket For Filter Insert & Polarizer --100W Mercury Lamp House --Digital Power Control Box --Imported 100W DC Mercury Bulb (OSRAM) --Fluorescence Filter, B,G,UV --Attenuation Plate Transmittance 50% --Fluorescent Light Shield In The Front		●	A5F.0906
Power	Built-In 100-240V Wide Voltage Transformer	●	●	
Other	Allen Key M4	●	●	
Universal Condenser For Dark Field, Polarizing, Phase Contrast, DIC View				
Universal Condenser	Universal Condenser, Disc With 8 Holes For Function DF, PL, PH, DIC --3 Small Holes For Phase Contrast Rings A5C.0960, PH Objectives A5C.0961 --3 Big Holes Only For DIC Rings A5M.0960 --2 Big Holes Center Adjustable, For Dark Field Ring A5D.0960 or DIC Ring A5M.0960 --Polarizer Lens Included In Socket Under Universal Condenser --Need to Select N.A.0.9 Condenser Lens As Standard	○	○	A56.0960
	N.A.0.9 Condenser Lens, Standard Selection, For Objective 10x20x40x60x100x Screw On Universal Condenser Disc	○	○	A59.0960-09
	N.A.0.2 Condenser Lens, Optional Selection, For Objective 4x Screw On Universal Condenser Disc	○	○	A59.0960-02
	N.A.1.4 Condenser Lens, Optional Selection, For Objective 20x40x60x100x Screw On Universal Condenser Disc	○	○	A59.0960-14
Dark Field	Dark Field Ring, Dry Type N.A.0.9, For Objective 10x,20x	○	○	A5D.0960-D
	Dark Field Ring, Immersion Oil Type N.A.1.4, For Objective 40x,60x	○	○	A5D.0960-I
DIC	Transmission DIC Slide, Insert To DIC Socket On Nosepiece	○	○	A5M.0960
	Transmission DIC Ring 10x	○	○	A5M.0960-10
	Transmission DIC Ring 20x	○	○	A5M.0960-20
	Transmission DIC Ring 40x/60x	○	○	A5M.0960-4060
Phase Contrast	Phase Contrast Aperture Ring 4x	○	○	A5C.0950-R4
	Phase Contrast Aperture Ring 10x/20x	○	○	A5C.0950-R1020
	Phase Contrast Aperture Ring 40x	○	○	A5C.0950-R40
	Phase Contrast Aperture Ring 100x	○	○	A5C.0950-R100
Phase Contrast APO Objective	Infinity Plan Apochromatic Positive Phase Contrast Objective	○	○	
	APO PH 4x/0.16, WD=12.8m	○	○	A5C.0950-4
	APO PH 10x/0.40, WD=2.5mm	○	○	A5C.0950-10
	APO PH 20x/0.75, WD=0.6mm	○	○	A5C.0950-20
	APO PH 40x/0.95, WD=0.15m	○	○	A5C.0950-40
	APO PH 60x/0.90, WD=0.26mm	○	○	A5C.0950-60
Polarizing	APO PH 100x/1.35, WD=0.13mm	○	○	A5C.0950-100
	Polarizer Lens Included In Plug-in Socket Under Universal Condenser	○	○	
	Analyzer Slide, Insert To Analyzer Socket On Nosepiece	○	○	A5P.0960
Upgrade Series Model				
Metallurgical	Upgrade to A13.0910 DIC Metallurgical Microscope, APO			A13.0910
Remark: '●' Means Standard Outfit, '○' Means Optional				



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A12.0910

Research Scientific Laboratory Microscope, Semi-APO, Upgrade BF+DF+PL+PH+FL+DIC



A12.0910, A13.0910, A16.0910 Series



A12.0910
Research Scientific Laboratory Microscope,
Semi-APO, Upgrade BF+DF+PL+PH+FL+DIC



A13.0910
Upright Metallurgical Microscope,
Semi-APO, BF+DF+PL+DIC



A16.0910
Research Fluorescence Microscope,
Semi-APO, Upgrade BF+DF+PL+PH+FL+DIC





Swing-Out Condenser

Swing-out Type Achromatic Condenser, N.A.0.9/0.25

Digital Dimming Illumination

12V100W Halogen Illumination with Iris Diaphragm, With Light Indicator, Digital Dimming System Have Brightness Set & Reset Function

Transmit Filters

Built-In Transmit Filters LBD/ND6/ND25



Coaxial Focusing

Low-Position Coaxial Coarse & Fine Adjustment
With Coarse Adjustment Stop And Tightness Adjustment.



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