



Trinocular Infinity Optical Fluorescence Microscope With Halogen Lamp

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: A16.0910
- Minimum Order Quantity: 1 pc
- Price: Negotiation
- 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
- Highlight: **epi-fluorescence microscope, epifluorescence microscope**



More Images



Product Description

Trinocular Infinity Optical Fluorescence Microscope With Halogen Lamp

A16.0910 Fluorescence Microscope, APO, newly developed in 2014!

--Infinity Optical System, Semi-Apochromatic, 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

--6 Position Disc Fluorescent Koehler Illumination, B,G,U,UV

Item	A12.0910	A16.0910	Cata. No.	
	A12.0910 Research Scientific Laboratory Microscope, Semi-APO, DIC			
	A16.0910 Research Scientific Fluorescent Microscope, Semi-APO, DIC			
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° Tiltable, 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
	Centering Objective For Fluorescent	○	●	A5F.0930-1
Working Stage	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
Focusing	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		●	
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
	Built-In Transmit Filters LBD/ND6/ND25	●	●	
Reflect Fluorescent Light	--6 Holes Disc Fluorescent Illuminator, With Iris Diaphragm, Aperture Diaphragm, Socket For Filter Inserter & 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	Phase Contrast Aperture Ring 4x	○	○	A5C.0950-R4
	Phase Contrast Aperture Ring 10x/20x	○	○	A5C.0950-R1020

Contrast	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	Polarizier 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

OPTO-EDU (BEIJING) CO., LTD. OPTO-EDU

F-1501 Wanda Plaza, No.18 Shijingshan Road, Beijing 100043, China
Tel: +8610 88696020, E-mail: sale@cnoec.com

A16.0910

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



Multifunctional Reflection Illumination

In A16.0910 reflection fluorescent illumination, maximum 6 fluorescence filters can be assembled into turret disc at the same time, to get multi view function!

Reflect Fluorescent Light

6 Holes Disc Fluorescent Illuminator, With Iris Diaphragm, Aperture Diaphragm, Socket For Filter Inserter & Polarizer



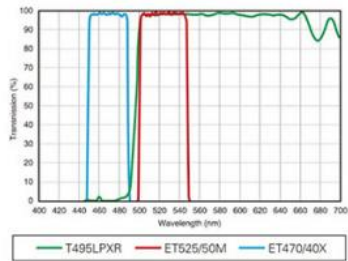
A16.0910

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

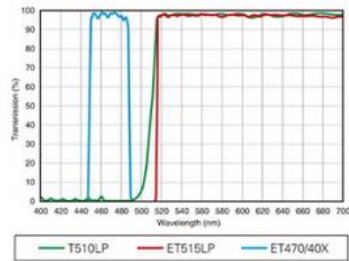
A59.4972

8K 5G WIFI+HDMI+USB+WAN 12.0M, C-Mount, USB/WIFI Measuring
Digital Camera

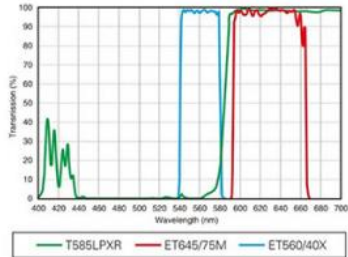
Flourescent Filters Data Sheet



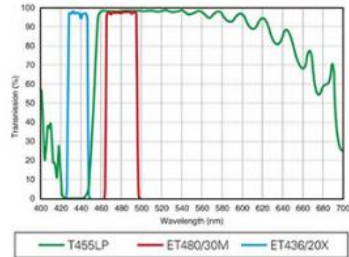
B1



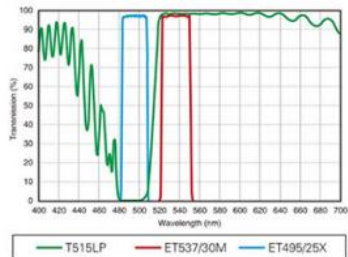
B2



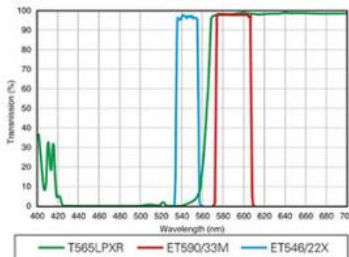
G1



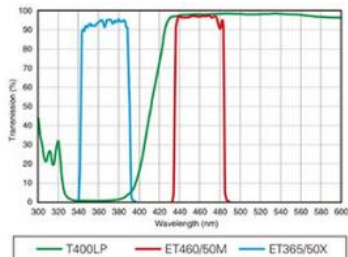
Spectrum Aqua



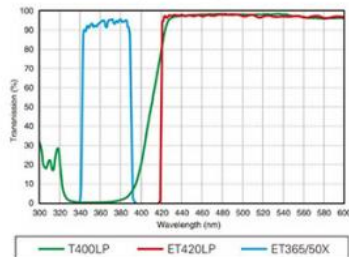
Spectrum Green



Spectrum Orange



UV1



UV2

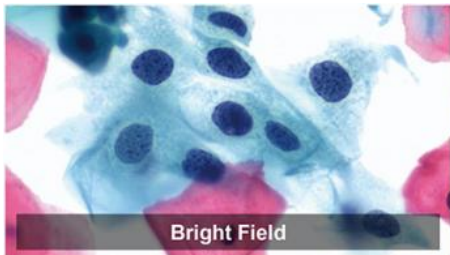


A56.0960 Universal Condenser

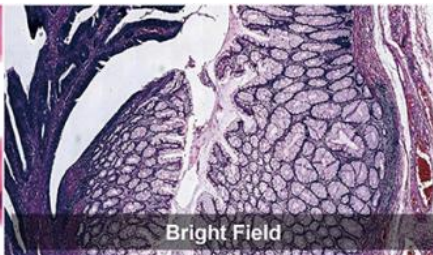
Porous Site For Dark Field, Polarizing, Phase Contrast, DIC View



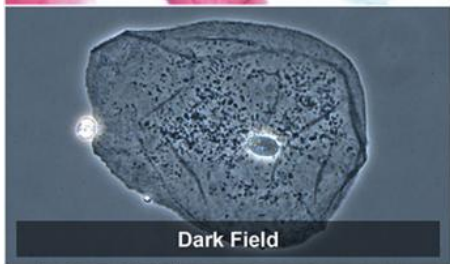
DIC Optical Component



Bright Field



Bright Field



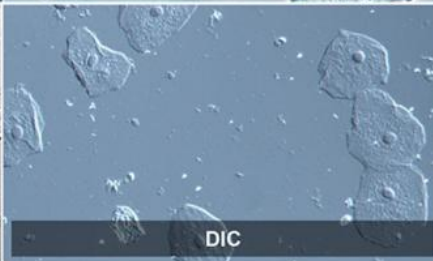
Dark Field



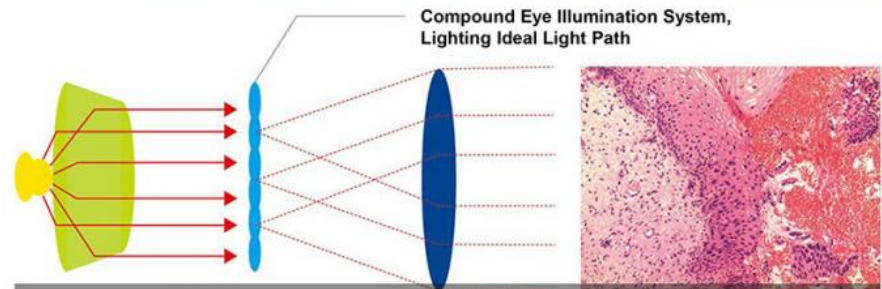
Polarizing



Phase Contrast



DIC

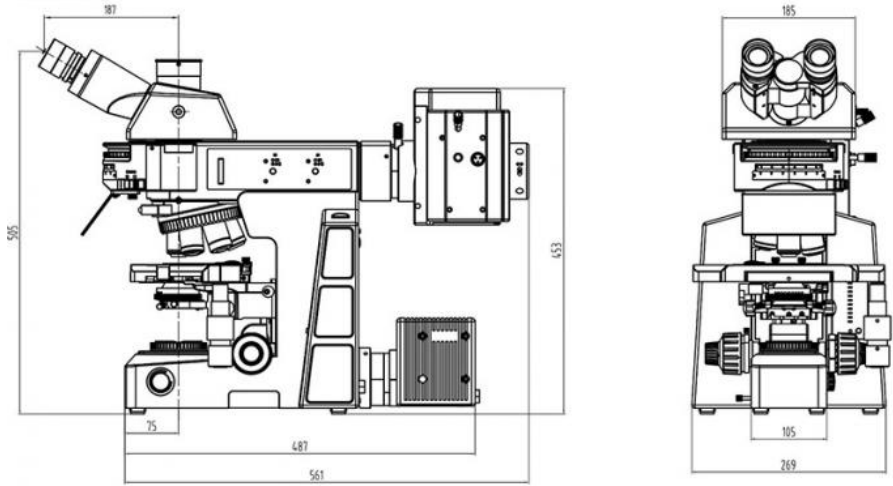


Compound Eye Illumination System

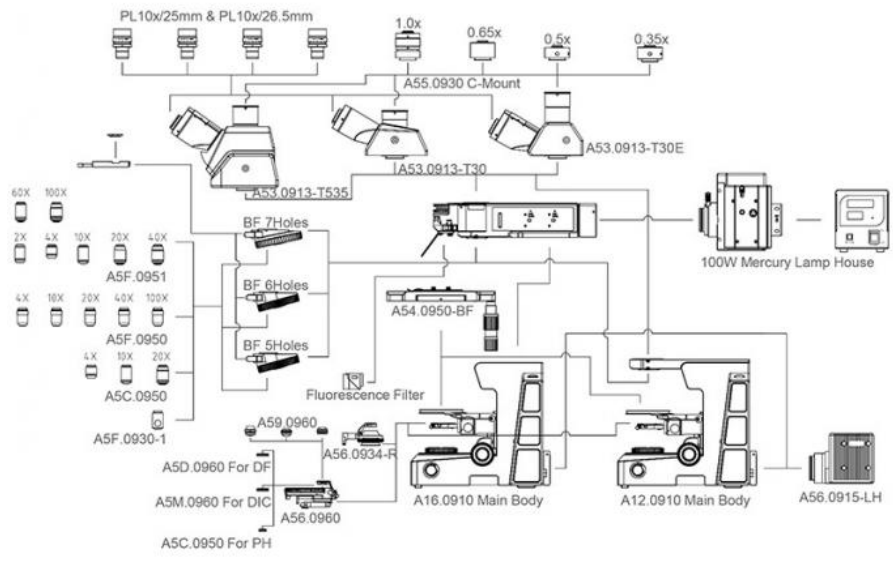
A12.0910 adopts the compound eye illumination system to improve the contrast rate and effectively improve the illumination uniformity of the specimen surface. Even at the edge of the field of view, uniform and bright background brightness can be achieved under any magnification.

Size And Configuration

Size: mm



System Configuration Diagram



Opto-Edu (Beijing) Co., Ltd.

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

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