



Reflected Fluorescence Biological Microscope Laboratory A16.0900

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A16.0900
- 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

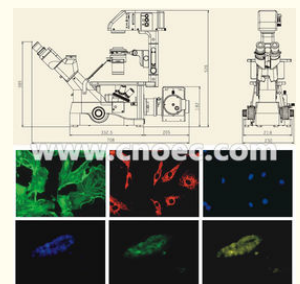


Product Specification

- Application: Research|Learning|Laboratory
- Certification: CE
- Drawtube: Trinocular
- Magnification: 100x - 400x
- Theory: Fluorescence Microscope
- Head: Trinocular Head
- Highlight: epi-fluorescence microscope, epifluorescence microscope



More Images



Product Description

Reflected Fluorescence Biological Microscope Laboratory A16.0900

Description:

A16.0900 Laboratory Inverted Fluorescence Microscope, Kohler Illumination, designed for cell culture observation, to get details of cell growing process, internal spontaneous fluorescence phenomenon, living cell fluorescence transfection, protein transfer and etc.

--New generation of infinity color corrected optical system, professional plan semi-apochromatic fluorescence objectives, present you sharp and bright fluorescence image.

--Professional fluorescence filter system, imported optical material and broadband multilayer coating, high transmissivity, mould proof, heat insulation and safety protection system, OSRAM brand mercury lamp digital power supply control.

--Swallow tail slide switch easy to change filter cubes, three paths for fluorescence and one for bright field, four filter cubes can be mounted.

--Scientific research class cold CCD, high resolution, fast transmission. Intelligence Chinese fluorescence image processing software, meets and request of the most professional picture processing.

--6V30W transmission illuminator, various performances, bright field, dark field, phase contrast, polarization observations.

Specifications:

	A16.0900	A16.0900-CCD
Optical System	Infinity Color Corrected Optical System	
Head	Trinocular Head , Gemel Viewing Head, 45 Degree Inclined, Interpupillary Distance 54-75mm, Splitting Ratio 100:0 or 0:100	
Eyepiece	PL10x/22mm, High Eyepoint, Wide Field	
Nosepiece	Revolving Quintuple Nosepiece	
Objective	Long Working Distance Infinity Plan	Long Working Distance Infinity Plan
	Achromatic Objectives	Fluorescent Objectives
	LWDPL10X/0.25, W.D.=7.94mm	LWDPLF4X/0.13, W.D.=18.52mm
	LWDPL20X/0.40, W.D.=7.66mm	LWDPLF10X/0.30, W.D.=7.11mm
	LWDPL40X/0.60, W.D.=3.71mm	Long Working Distance Infinity Plan
	Long Working Distance Infinity Plan Phase Contrast Objectives	Semi-Apochromatic Objectives
	LWDPH20X/0.40, W.D.=7.66mm	LWDPLFPH20X/0.45, W.D.=5.91mm
		LWDPLFPH40X/0.65, W.D.=1.61mm
		Long Working Distance Infinity Plan Phase Contrast Objectives
Stage	Fixed Stage Size 250*160mm, Slider Clips	Fixed Stage Size: 250*160mm, Slider Clips, with Extension Plate and Coaxial Moveable Stage, Moving Range 120*78mm
	--Glass Plate	--Glass Plate
	--Metal Plate	--Metal Plate with Kidney Slot
	Petri Dish Holder, Dia.35mm	--Petri Dish Holder, Dia.35mm
		--Slide Holder, Dia.54mm, 26.5x76.4mm
		--Teraseki Holder, Dia.65mm, 56x81.5mm
Focusing	Coaxial Coarse & Fine Focusing System, Coarse Adjustment Range 9mm, Fine Adjustment Precision 0.002mm, with Tension Adjustment, with Safty Stop	
Condenser	N.A.0.3 Kohler Illumination Condenser, with Phase Adjustable Slide Plate, Long Working Distance 72mm. The Whole Set Can Be Rotated Down	
Phase Contrast	Phase Contrast Plug-board for 10x-40x, Center Adjustable Centering Telescope Dia. 30mm	
Filter	Dia.45mm Green Interference Filter	
	Dia.45mm Color Temperature Change Filter	
	Attenuation Plate, Transmission 25%	
Reflected Fluorescence Illumination System	--Reflected Kohler Illumination with Iris Field Diaphragm, Centering Adjustable	
	--U-LH100HG Mercury Lamp House, Filament Center and Focal Distance Adjustable, with Mirror, Mirror Center and Focal Distance Adjustable	
	--U1-RFLT100 Digital Power Control Box, Wide Voltage Range 90-240V AC	
	--Imported OSRAM 100W DC Mercury Bulb	
	Centered Objective For Mercury Bulb	
	Band-pass Fluorescent Filter B, G	Band-pass Fluorescent Filter B, G, UV
CCD Adapter	30ND25 Attenuation Plate	
	0.67x CCD Adapter, for 2/3" CCD Camera	

CCD Camera		1.4M, 2/3" CCD, USB 2.0 Cold CCD Scientific Research Class Cold CCD,
Light	Kohler Illumination, With Iris Aperture, Halogen 6V30W, Pre-centered, Intensity Adjustable	
Power	Wide Voltage 90-240V	





High Performance Fluorescence Filter

Have a high transmittance of the spectrum, also have good depth and steepness of the cutoff line. Without a cross color but a high S/N ratio, fluorescence imaging contrast was promoted dramatically. We Choose Stray light elimination of the background to the filter blocks. The background of the image becomes darker, and the fluorescence brighter.



New Designed High Eye-point Wide Field Plan Eyepiece PL10x/22mm, Has Full Bright Diagram Without Chromatic Circle. Wide Filed of Viewing 22mm Is Convenient For Target Seeking And Counting



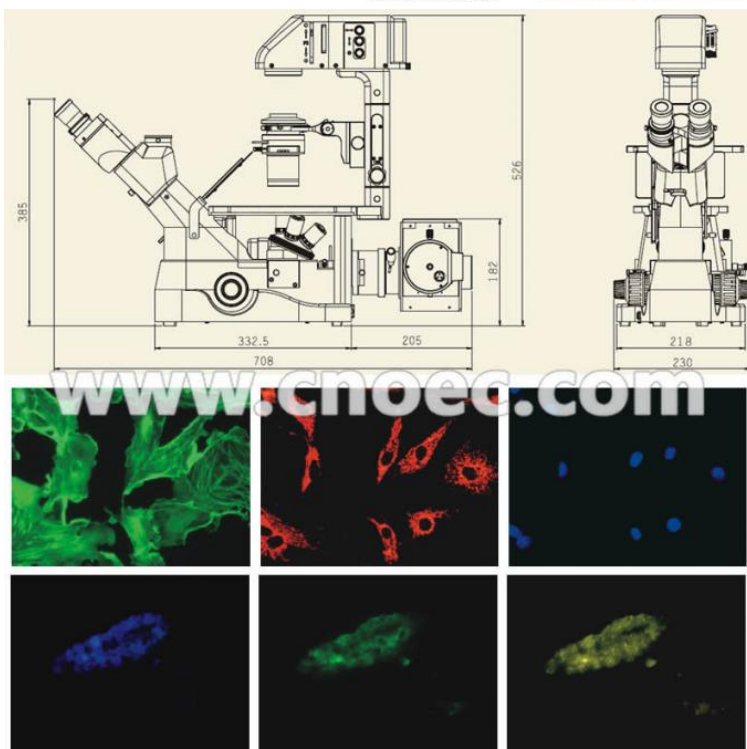
OLIP Series Long Working Distance Infinity Color Corrected Objectives, Designed For Living Cells Culture In Laboratory, Clear Image, Good Contrast And Nice For Fluorescence Observation



Semi-Apochromatic Fluorescence Objectives
New generation professional infinity plan semi-apochromatic fluorescence lens with high numerical aperture 25% higher



Phase Contrast Slides Used With Phase Contrast Objectives, Can Get A Better Image Than Bright Field, The Cell Image Is With A Strong Sense Of Relief.



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