Student Achromatic Infinity Corrected Microscope Binocular A31.0904

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A31.0904
- 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

- Applications: Student, Laboratory
- Certification: CE, Rohs
- Drawtube: Binocular
- Illumination: Halogen Lamp
- Max Magnification: 1000X
- Theory: Digital Optical Microscope
- Highlight: **digital usb microscope**, **portable digital microscope**

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Product Description

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Description:

A31.0904 Digital Laboratory Microscope, With 5.0M 1/2.5" CMOS Digital Camera, as new generation of infinity color corrected optical systems with wide field high eyepoint eyepieces, and plan achromatic objectives, present you sharp and bright micro images.
--5.0M, 1/2.5" CMOS Digital Camera Built-in, USB 2.0 Output
--Color Corrected Infinity Optical System
--N.A.1.2/0.22 Swing Achromatic Condenser
--Built-in Koehler Illumination 6V30W Halogen Light
--Low Position Coaxial Focusing System, WIth Tension Adjustment and Up-limit
--Intergrated T Shape Body Design With Firm Structure
--Ergonomic Design Makes Comfortable Operation
--Dark Field, Polarizing, Phase Contrast, All Accessories Available
--New Professional Fluorescent System, Upgrade to A16.0902 and A16.0903

Specifications:

A31.0904 Digital Laboratory Microscope		
Optical System	Color Corrected Infinity Optical System	
Digital Camera	5.0M, 1/2.5" CMOS Digital Camera Built-in, USB 2.0 Output, Repuduces 90% Of Optical View Field On Screen	
Head	Binocular, 30° Inclinded, 360° Rotatable, Interpupillary Distance 54~75mm, Diopter Adjustable +/-5°	
Eyepiece	PL10x/22m, High Eyepoint, With Eye-cup	
Nosepiece	Reversed Quintuple Nosepiece	
Objective	**Infinity Plan Achromatic Objectives** 4x/0.1, W.D. 7.18mm 10x/0.25, W.D. 4.70mm 20x/0.40, W.D. 1.75mm 40x/0.65, W.D. 0.72mm 100x/1.25 W.D. 0.15mm	
Working Stage	Double Layer Mechanical Stage, 175*145mm, Moving Range 75*50mm, Moving Precision 0.1mm	
Focusing	Low Position Coaxial Focusing System, WIth Tension Adjustment and Up-limit. Coarse Focusing Range 25mm, Fine Focusing Precision 0.002mm	
Condenser	N.A.1.2/0.22 Swing Achromatic Condenser, With Scale Marked Diaphragm	
Illumination	Built-in Koehler Illumination 6V30W Halogen Light (Philips 5761), Brightness Continously Adjustable, Center Pre-fixed	
Filter	Blue Filter Dia.45mm	
Power	90~240V Wide Range Voltage	
Stand	Ergonomic Design, The Inverted "Y" Shape, Support Microscope Extra Lateral Stability	
A31.0904 Digital Laboratory Microscope Optional Accessories		**Item No.**
Eyepiece	PL10x/22m, High Eyepoint	A51.0903-1516
	PL10x/22r, Plan Eyepiece with Cross, High Eyepoint	A51.0905-1022r
Dark Field	Dark Field Condenser, Dry, N.A=0.9	A5D.0912-D
	Dark Field Condenser, Immersion, N.A=1.2	A5D.0912-W
A5C.0905-IP Infinity Plan Phase Contrast Set	Centering Telescope	A5C.0910-30
	Infinity Plan Phase Contrast Objective 10x/0.25, W.D. 4.70mm	A5C.0636-10
	Infinity Plan Phase Contrast Objective 20x/0.25, W.D. 1.75mm	A5C.0636-20
	Infinity Plan Phase Contrast Objective 40x/0.65, W.D. 0.72mm	A5C.0636-40
	Infinity Plan Phase Contrast Objective 100x/1.25, W.D.0.15mm	A5C.0636-100
	Infinity Phase Contract Disc Condenser, Abbe N.A.1.25	A5C.0912-PCI
Polarizing Set	Polarizer, Dia. 45mm	A5P.0917-P
	Analysizer Slide	A5P.0917-A
	λ Slide	A5P.0917-C1
	Rotatable Working Stage	A5P.0917-RW
Filter	Yellow, Dia.45mm	A56.0935-XYY
	Green, Dia.45mm	A56.0935-XYG
	Neutral, Dia.45mm	A56.0935-XYF

Software	--Professional Image Processing And Analysis, Including More Than 100 Functions --Support 24 Bit Ture Color Image Processing, --Support Color Mode RGB,CMY, HSY, YUV --Advanced Particle Automatic Identification, -- Automatic Segmentation of Blocking Particles --Geometric Parameter Measurement And Auto Quantitative Analysis

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