



## University Student 500X Optical Microscope With Digital Camera Rohs A32.0601-230

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A32.0601-230
- 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, School, Laboratory
- Certification: CE, Rohs
- Illumination: LED
- Max Magnification: 1000X
- Theory: Digital Optical Microscope
- Image Sensor: 1.3M Pixel 1/2" Color CMOS
- Highlight: **digital usb microscope, portable digital microscope**



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### More Images



## Product Description

### Student 1000X Optical Microscope With Digital Camera A32.0601-230

#### Description:

Digital Optical Microscope, equipped with a digital camera allowing observation of a sample via a computer. Microscopes can also be partly or wholly computer-controlled with various levels of automation. Digital microscopy allows greater analysis of a microscope image, for example measurements of distances and areas, store your micro image, share and show them to your friends easily!

#### Specifications:

A32.0601-230 Digital Video Zoom Specification		
Zoom Body of Zoom Range	0.7x-4.5x	
Zoom Ratio	1:6.5	
Total Magnification	4.7x-1000x	
Semi-plan Achromatic Objective	0.3x, 0.5x, 0.75x, 1.5x and 2x (optional)	
High-Power Objective Lens	5x and 10x (optional)	
Image Sensor	1.3M pixel 1/2" color CMOS	
Pixel Size	5.2um x 5.2um	
Spectrum Response	400nm-1000nm	
Scanning Type	Progressive scanning	
Exposal Type	ERS	
Resolution	1280x1024	
Transmission Rate	16f/s@1280*1024, 30f/s@640*480, 30f/s@320*240	
White Balance	Automatic operation supported	
Exposal Control	Manual operation supported	
Image Output	USB2.0, 480Mb/s	
Function	Image capture, video recording and measuring function	
Laser Pointer	Wave length: 650nm	
Working Temperature	0-50 degree	
Minimum System Requirement	Windows 2000, XP and Vista Operation System	
	PIII 800 CPU or above	
	256MB Memory or above	
	64MB video memory or above	
	USB2.0 interfaces	
76mm stage LED high track stand	1024*768 resolution monitor or above	
	76mm scope holder	
	Travel length: 500mm	
	Travel distance:253mm	
	Coaxial focus: 23mm/circle	
	Fine focus: 0.56mm/circle	
	XY travel range:2x2" (50x50mm), the top of XY Dimensions: 150x150mm, Accuracy: 0.005mm or above or 5mm	
	LED transmitted lighting base size: 320x316x21mm	
	With a 95x5mm glass plate	
	Voltage input: AC 90-240V, 50/60Hz	
Optional Accessories		
Objectives	0.3x, Semi-Plan, Outer Dia.30mm, W.D.331mm	A52.0626-03
	0.5x, Semi-Plan, Outer Dia.30mm, W.D.198mm	A52.0626-05
	0.75x, Semi-Plan, Outer Dia.30mm, W.D.131mm	A52.0626-75
	1.5x, Semi-Plan, Outer Dia.30mm, W.D.63mm	A52.0626-15
	2.0x, Semi-Plan, Outer Dia.30mm, W.D.46mm	A52.0626-20
	5x Infinity corrected long working distance objective	A52.0627-5
	10x Infinity corrected long working distance objective	A52.0627-10
Illumination Accessories	Iris Diaphragm	A56.0606
	LED side light	A56.0607
Tripod & Accessories	Tripod, Full Size, 3.5Kgs, with Panhead.	A50.0604-11
	Tilt Ball Head	A50.0604-12
	Super Mag Slider, Made of Magnesium Alloy	A50.0604-13
	Extension Bar, Total Length 600mm	A50.0604-14
	Laptop Tray	A50.0604-15
	Tilt Ball Head Adapter	A50.0604-16
Polarizing Microscope	Polarizer	A5P.0602
	4.8V 2200mA/h, Nickel hydrogen battery	A50.0602

Rechargeable Battery	Battery Charger, Input Voltage 100-240V 50/60Hz, Output Voltage 6.0-6.5V, Current 250- 350mA	A50.0602-R
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**Power Indicator**



**Rechargeable Battery**

4400mAh, high performance Nickel hydrogen battery, lasts for more than two hours.



**LED Light Port**

For connecting LED Side Light and the Base Light

**Socket Connector of the Body**

For connecting DM body to various stands

**Zoom Control**

0.7X-4.5X continuous zoom, with detents, for accurate zoom adjusting.

**Laser Pointer Adjusting Knob**

For precisely adjusting the laser pointer



**High Bright LED Lights**



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