



HD LED Light Source Digital Optical Microscope For High Students A32.0601-220XY

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A32.0601-220XY
- 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
- Certification: CE, Rohs
- Illumination: LED
- Max Magnification: 1000X
- Theory: Digital Optical Microscope
- Exposal Type: ERS
- Highlight: **digital usb microscope, portable digital microscope**



More Images



Product Description

HD LED Digital Optical Microscope For Students A32.0601-220XY

Description:

The digital video zoom microscope combines the traditional optical technology and digital imaging technology and offers high quality video images. It can solve the problems generated by using a traditional microscope that requires a strict environment. Equipped with high performance Nickel hydrogen rechargeable battery, it can be used for longer inspection time in fieldwork.

With powerful functions of real-time micro-photography, video recording and measurement, on-site high-speed image acquisition, digital image input to PC for inspection, image storage, video recording, measurement at micron-level and image output can be realized. It is a good substitute for a traditional optical magnifier, stereo microscope, comparing microscope, video measurement system and micro-photographing instrument. When used in long-distance scene evidence identification, the images of on-site evidence samples can be captured, inspected, compared and measured, and the on-site scene can enter the micro-world instantly.

Specifications:

| A32.0601-220XY 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 | |
| Stand | 1024*768 resolution monitor or above | |
| 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 |
| Polarizing Microscope | Tilt Ball Head Adapte | A50.0604-16 |
| | Polarizer | A5P.0602 |
| Rechargeable Battery | 4.8V 2200mA/h, Nickel hydrogen battery | A50.0602 |
| | 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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