OPTO-EDU A26.4820 Motorized Fluorescent Zoom Stereo Microscope 0.63~6.3x 1/10

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A26.4820
- 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

- Magnification: Total Optical Magnification 6.3x~630x
- Head: Trinocular Head, Inclined 30°, Light Split 100:0/0:100
- Eyepiece: High Eyepoint WF10x/22mm, 1 Pc
- Nosepiece: Brand New Design Dual Objective Switch Nosepiece
- Objective: Infinity Plan APO 1x/0.1, WD 81mm
- Zoom Body: Parallel Zoom 0.63X-6.3X Zoom Ratio 1:10
- Highlight: **1/10 Motorized Fluorescent Zoom Stereo Microscope** , **0.63~6.3x Motorized Fluorescent Zoom Stereo Microscope** , **Motorized Fluorescent Zoom Stereo Microscope**

Product Description

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A26.4820

Motorized Fluorescent Zoom Stereo Microscope, 0.63~6.3x, 1:10

A26.4820 Specification

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A26.4820 High-power Zoom Stereo Fluorescence Microscope With Ultra Large Zoom Range 1:10 And Motorized Focusing System

It can achieve a wide zoom range of 6.3x-630x. It realizes the functions of a stereo microscope and a biological microscope in model organism research. It is equipped with an LED digital display fluorescence module suitable for observation of fluorescent dyes such as GFP and is especially suitable for the study of model organisms such as nematodes.

- 0.63~6.3x Parallel Zoom Body, High Zoom Ratio 1:10, Outstanding Ergonomic Design
- WF10x Eyepiece, With Objective APO 1x/0.1 W.D.81mm, LWD APO10x/0.28, Total Magnification 6.3x~630x
- Motorized Z Axis Focusing Accuracy 1um, Track Stand With LED Transmit Light
- Epi Fluorescent LED Illuminator, With LED Window, Including Fluorescent Filter B, G
- Dual Nosepiece For High Precision Objective Lens Switching, Highly Consistent Field of View Center

A26.4820 Motorized Fluorescent Zoom Stereo Microscope Specification	
Magnification	Total Optical Magnification 6.3x~630x
Head	Trinocular Head, Inclined 30°, Light Split 100:0/0:100
Eyepiece	High Eyepoint WF10x/22mm, 1 pc High Eyepoint WF10x/22mm Diopter Adjustable, 1 pc
Nosepiece	Brand New Design Dual Objective Switch Nosepiece, Can Switch Objectives By Align Center & Parfocal Accurately
Objective	Infinity Plan APO 1x/0.1, WD 81mm LWD Infinity M Plan APO APO HL10x/0.28
Zoom Body	Parallel Zoom 0.63X-6.3X,Zoom Ratio 1:10, With Iris Diaphragm
View Field	Dia.34.9-3.5mm (1X Objective)
Focusing	**Motorized** Coarse & Fine Focusing System, Control Box For Focusing & Brightness Adjustment, Focusing Accurcy 1um
Stand	Track Stand With Transmit Light Source, With Glass Plate, With Black Matte Push-pull Board

A26.4820 Details

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▶ Ergonomic Design

Infinite parallel optical path system;

▶ Objective Lens Rotation Design

To avoid interference, built-in reflective lens switching device, no need to move the body and zoom body after objective lens switching, can also ensure the center position of the field of view remains unchanged, standard dual objective lens;

▶ Electric Focusing Mechanism

Electric Z-axis coarse and fine focusing, focusing knob and brightness adjustment knob adopt integrated control, effective stroke 60mm, focusing accuracy coarse adjustment: 0.2mm, fine adjustment: 1um;

▶ 0.63x-6.3x Zoom Body

Zoom body 0.63x-6.3x, zoom ratio 1:10, With 10x eyepiece, when using 1x APO objective lens, the real optical magnification is 6.3X~63X, when using 10x APO objective lens, the real optical magnification is 63x~630x.

▶ Fluorescent Illumination

When using 10x objective lens, the real optical magnification is: 63X- 630X epifluorescence device, three-channel six-hole internal positioning converter, digital LED screen, real-time display of current fluorescence channel and brightness percentage, each channel is equipped with 2 excitation blocks to ensure infinite light path effect, ball bearing internal positioning, with mildew-proof device, B, G dual color, excitation light band: B: 450-490nm, G: 510-550nm long-life LED fluorescent light source, life of more than 2w hours, response time, nanosecond level, safe and environmentally friendly;

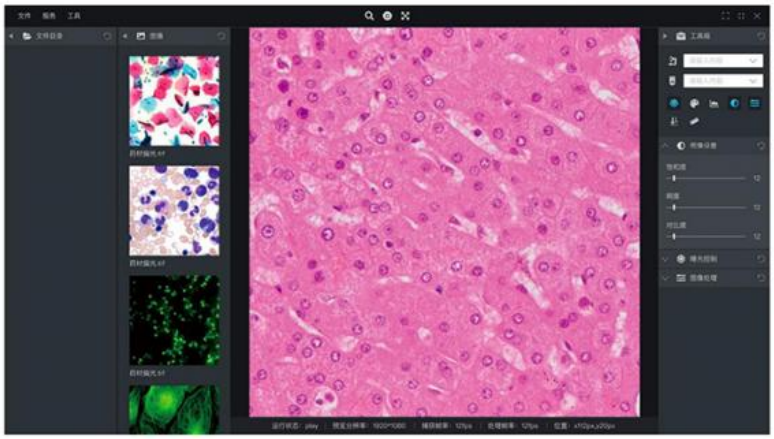
▶ Dual-branch Optical Fiber Transmission

Adjustable output angle; continuous dimming

▶ Base and Transmission Illumination

Electric platform base, size: LED transmission light source, black push-pull plate, improve the observation contrast of transmission illumination light path samples.

A26.4820 Software



- A dedicated chip fluorescence camera developed based on the microscopic imaging system V1.0, with a chip size of 4/3 inches, semiconductor plus fan dual cooling, 21 million real physical pixels, pixel size of 3.3umx3.3um, USB3.0 interface, 128M cache to ensure transmission rate, and frame rate of up to 21 frames at full resolution; supports TWAIN and DirectShow interfaces, excellent multi-camera performance, and can support 4 cameras on a single PC to work at full speed;

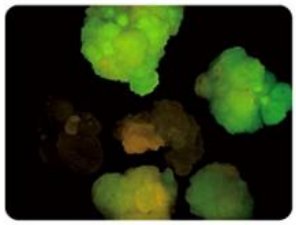
- Microscopic digital measurement and analysis system, the software includes user management, authority allocation and audit tracking functions;

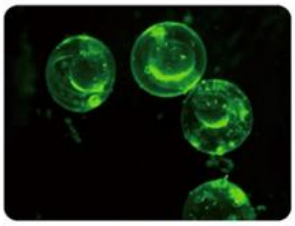
- Software system The system can take instant photos, timed photos, real-time photos and videos of dynamic images in multiple formats and durations, and is compatible with MSHOT cameras;

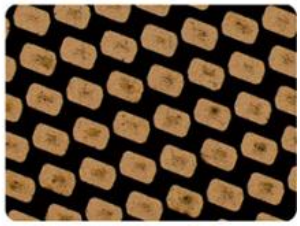
- Functional modules include image processing, color control, fluorescence processing (real-time fluorescence synthesis), histogram, image setting, static image processing, and measurement. Eight functional modules can set parameters for static and dynamic images, measure and draw, and support multi-faceted image processing;

- Support energy curve measurement (real-time display of all point intensities on the selected line segment);

- Real-time single-point RGB value and grayscale value acquisition, real-time preview frame rate display, histogram equalization







A26.4820 More Pictures

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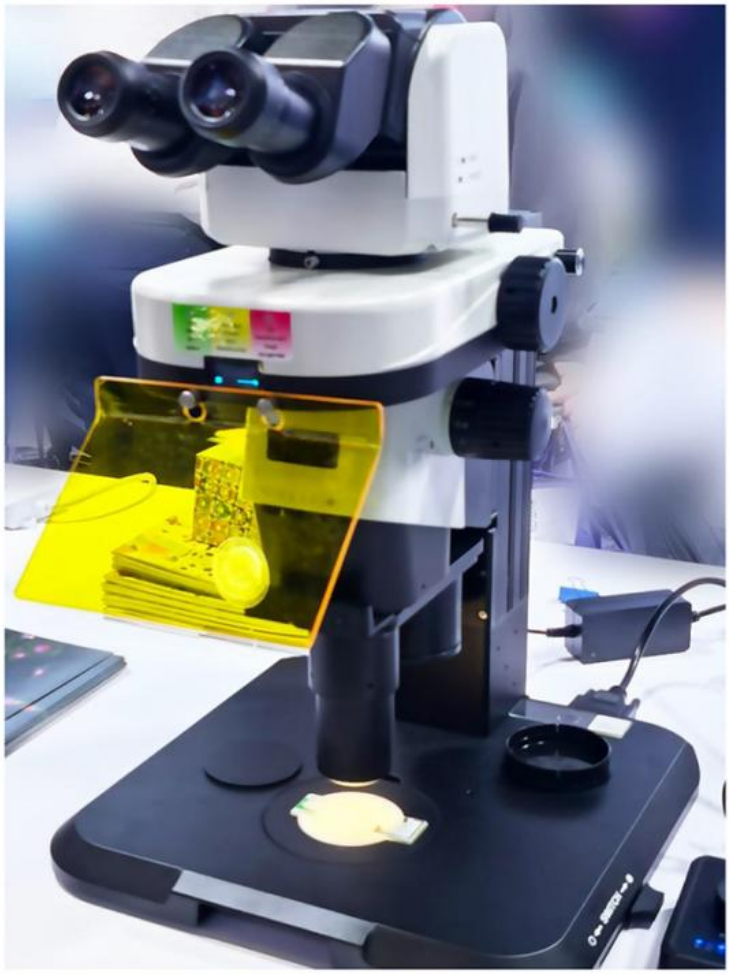

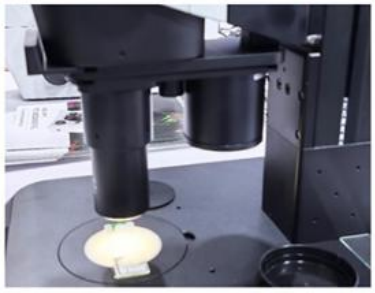

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