



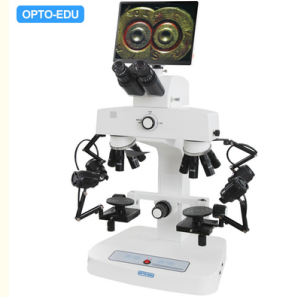
OPTO-EDU 10.5" LCD Pad Forensic Comparison Microscope with 2x~240x Magnification and 4K Resolution for Laboratory and Research

Our Product Introduction

for more products please visit us on cnoec.com

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A18.1828-LCD
- 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|Research
- Certification: CE|Rohs
- Drawtube: Binocular
- Illumination: LED
- Magnification: 2x~240x
- Theory: Comparison Microscope
- Highlight: transmitted light microscope, binocular optical microscope



More Images



Product Description

OPTO-EDU 10.5" LCD Pad Forensic Comparison Microscope (A18.1828-LCD)



OPTO-EDU (BEIJING) CO., LTD.

OPTO-EDU

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A18.1828-LCD

Forensic Comparison Microscope



2024 Upgrade Notice: Opto-Edu has upgraded the A18.1828-LCD's LCD from A59.3520 to A59.3521, featuring a larger 10.5" display, higher resolution, and improved software at the same price.

Key Features



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A18.1828-LCD Forensic Comparison Microscope

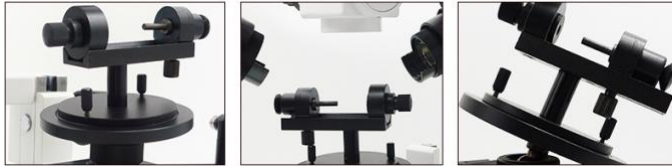
Large Binocular Head

Both eyepiece tubes feature diopter adjustment (± 5) and include WF 10X/22mm high eyepoint eyepieces.



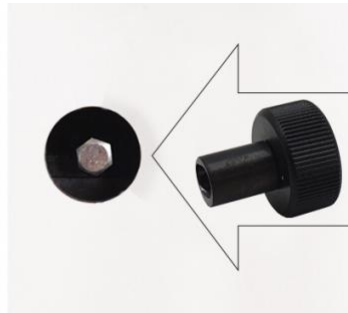
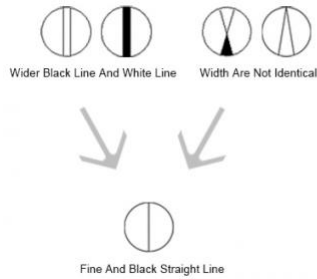
Magnification Correction System

Includes correcting lens for precise magnification adjustments.



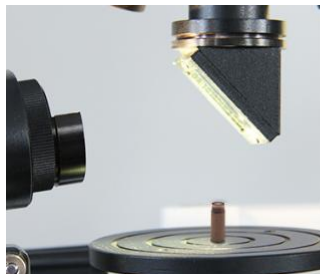
Bullet Holder Set

Holds and views all kinds of cartridges, bullets, and other objects from different angles and positions. Each microscope includes 2 sets.



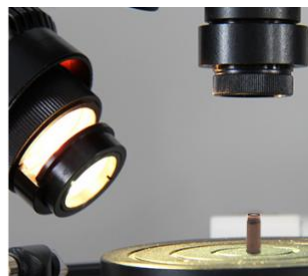
Separation Line Adjust System

Black system with specially designed adjustment driver for precise alignment.



Coaxial Light Attachment

Provides vertical light path for viewing inside deep holes and examining bottom surfaces.



Polarizing Light Lens Set

Eliminates flare and dazzling lights for clearer observation.

Technical Specifications

LCD Pad System (A59.3521)

Feature	Specification
Display	10.5" HD IPS Touch Screen with Backlight
Camera	8.0M 4K Digital Camera (1/1.8" CMOS sensor)
Resolution	3840×2158 @30FPS
Memory	2GB LPDDR4 / 16GB EMMC
Connectivity	USB3.0×2, USB2.0×1, HDMI, Gigabit LAN
System	Android 11 with 90 language support
Software	S-Eye Software with marking, measuring, and analysis functions

Optical System

Component	Specification
Magnification Range	2x~240x
Head	Binocular, 30° incline, interpupillary distance 48~75mm
Eyepieces	WF10x/22mm and WF20x/12mm, high eyepoint (2 each)
Objectives	LWD Infinity Plan Achromatic: 0.5x, 1x, 1.5x, 2x, 4x, 6x
Auxiliary Lenses	0.4x and 2.0x (2 each)

Working Distance	101mm (143mm with 0.5x objective)
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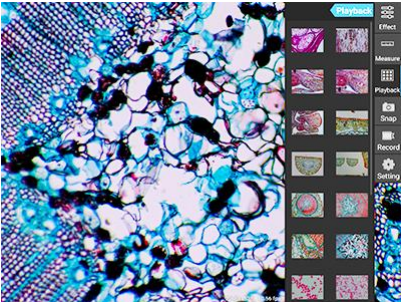
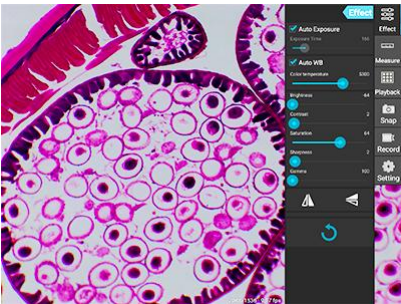
Lighting System

12V50W fan-cooled halogen light (2 pcs, brightness adjustable)
 5W LED cold light (2 pcs, brightness adjustable)
 Coaxial light lens (2 pcs)
 Polarizing light lens (2 pcs)
 Ultraviolet light lens (2 pcs)
 Color filters: Red, Blue, Yellow, Green (2 each)

Stage System

Square manual working stage: 90×90mm, moving range 54×54×54mm
 Round tiltable working stage: Ø90mm, 0-45° inclined, 360° rotatable

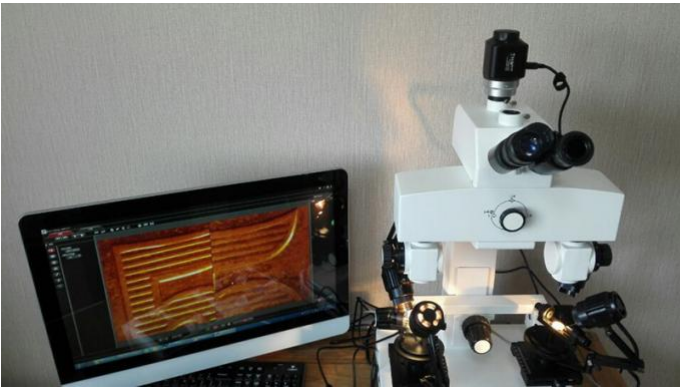
Included Accessories



Bullet holder set (2 sets)
 0.5x CCD adapter for digital camera
 Front view photo adapter 2.5X for SLR cameras
 Built-in 3.0M high resolution color CCD camera
 All accessories packed in strong aluminum box

Optional Accessories

150W cold light source with optical fiber & light collector (A56.1821)
 Professional forensic image analysis software (A30.1821)
 Motorized bullet holder set for use with software (A54.1813)







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