

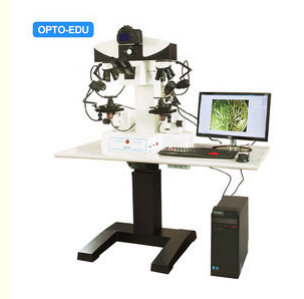
Motorized Digital Forensic Comparison Microscope with High Resolution CCD Camera and LED Illumination for Laboratory Research

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: A18.1830
- 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

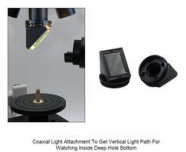
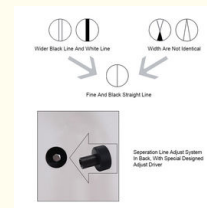


Product Specification

- Applications: Laboratory|Research
- Certification: CE|Rohs
- Drawtube: Binocular
- Illumination: LED
- Magnification: 2x - 240x
- Theory: Comparison Microscope
- Highlight: **transmitted light microscope, bullet comparison microscope**



More Images



Our Product Introduction

Product Description

OPYO-EDU 2X / 5X Motorized Digital Forensic Comparison Microscope Binocular A18.1830

The A18.1830 Motorized Digital Forensic Comparison Microscope, featuring a Motorized Working Table, is engineered for forensic science laboratory research. This advanced system enables comparison of bullets, cartridge cases, cutting objects, paper documents, and other forensic evidence. Offering both manual and computer software control, it includes a high-resolution digital color camera for real-time image and video output to a computer. With professional crime image analysis software, this microscope provides forensic scientists with an ideal research tool at a competitive price.

Key Features

- **Total Magnification:** 2x~240x
- **Eyeieces:** WF10x/22mm, WF20x/12mm High Eyepoint
- **Nosepiece:** 6 Holes Click Stop
- **Objectives:** LWD Infinity Plan Achromatic 0.5x, 1x, 1.5x, 2x, 4x, 6x
- **Auxiliary Lenses:** 0.4x and 2.0x included

- **Comparison Modes:** Motorized/Manual control for full left/right, split-image, or overlapping image comparison
- **Stage Control:** Motorized/Manual X/Y/Z 3D movement and 360° rotation
- **Lighting System:** 12V50W Halogen and 5W LED Cold Light, both adjustable
- **Camera System:** Built-in 3.0M High Resolution Color CCD with USB 2.0 output
- **Software:** Professional forensic image analysis software included
- **Power:** 80~240V Wide Range Voltage



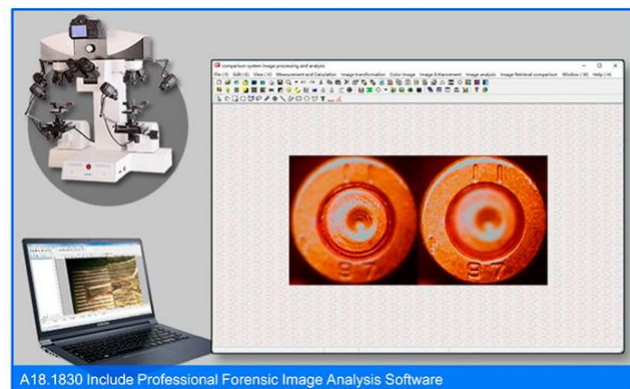
A18.1830 Motorized Forensic Comparison Microscope



Product Details



0-45° Tilttable Binocular Head
Interpupillary Distance 48~75mm, Diopter +/-5 Adjustable. Inclination Adjustable for User Easy View



Technical Specifications

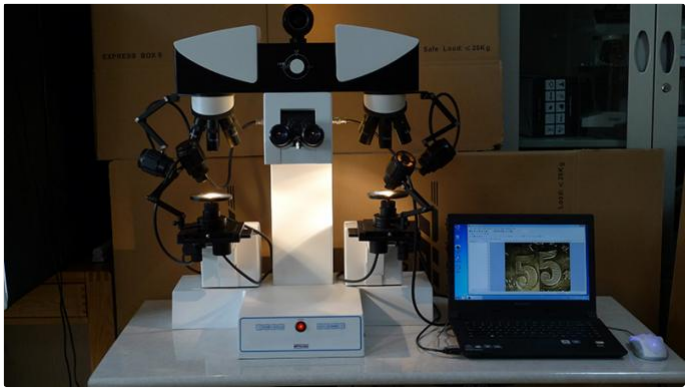
Component	Specification
Magnification	2x~240x
Head	0-45° Titable Binocular Head, Interpupillary Distance 48~75mm, Diopter ±5 Adjustable
Eyepieces	WF10x/22mm, WF20x/12mm High Eyepoint
Nosepiece	6 Hole Click Stop
Objectives	LWD Infinity Plan Achromatic 0.5x, 1x, 1.5x, 2x, 4x, 6x
Working Distance	101mm
View Field	Dia. 2.3~62mm

Stage	Square Manual Working Stage 90×90mm, Moving Range 54×54×54mm Round Titable Stage Dia. 90mm, 0-45° Inclined, 360° Rotatable
Light Sources	12V50W Halogen (2), 5W LED Cold Light (2), Coaxial Light (2), Polarizing Light (2), Transmit Bottom Light, UV Light (2), Color Filters (Red, Blue, Yellow, Green)
Camera	3.0M High Resolution Color CCD, 2048×1536 Pixels, Pixel Size 3.2×3.2μm
Working Table	Motorized Working Table included (60×120mm, Height 65mm, Motorized Up/Down 160mm)
Dimensions	40×60×72cm

Optional Accessories

- 150W Cold Light Source with Optical Fiber & Light Collector (A56.1821)
- Motorized Bullet Holder Set (A54.1813)
- Motorized 6 Hole Nosepiece (A54.1814)







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