



Motorized Digital Forensic Comparison Microscope with CE and Rohs Certification 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: A18.1829
- 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



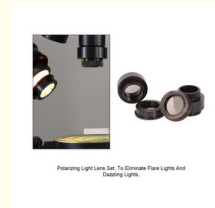
Product Specification

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

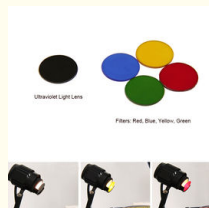


A56.1821 150W Cold Light Source With Optical Fiber & Light Collector(Optional)

More Images



Polarizing Light Lens Set, To Eliminate Flare Light and Dazzling Light.

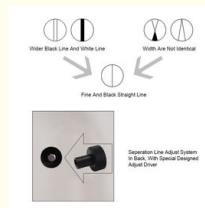


Ultraviolet Light Lens

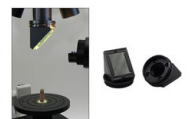
Filter: Red, Blue, Yellow, Green



Magnification Correction System, With Connecting Lens



Separation Line Adjust System In Back With Special Designed Adjust Driver



Coarse Light Adjustment To Get Vertical Light Path For Matching More Deep Into Bottom

Product Description

Laboratory Research Bullet Comparison Microscope CE Rohs A18.1829

Our Product Introduction

OPTO-EDU

Motorized Forensic Comparison Microscope

A18.1829

- ☞ Total Optical Magnification 2x-240x
- ☞ LWD Infinity Plan Achromatic Objective
- ☞ Left/Right, Split And Overlapping Image Comparison
- ☞ Separation Line Adjusting System
- ☞ Magnification Correcting System
- ☞ Full Motorized Function By Software Control

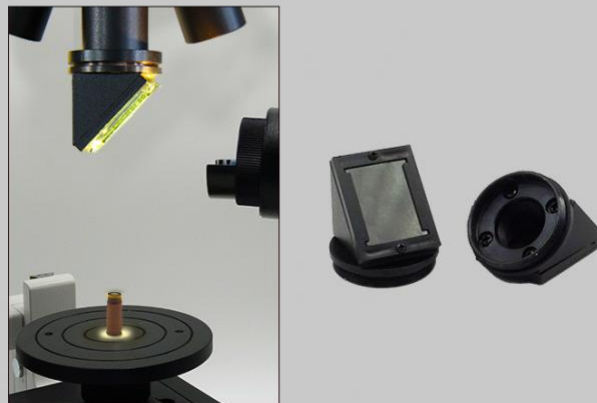


PRODUCT DESCRIPTION

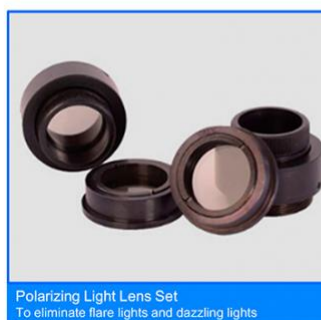




○ UV/LED/HAL/TRANSMIT, All Kinds Light Sources, Brightness Adjustable



○ Coaxial Light Attachment To Get Vertical Light Path For Watching Inside Deep Hole Bottom



Polarizing Light Lens Set
To eliminate flare lights and dazzling lights



Motorized Digital Forensic Comparison Microscope with Motorized Working Table

The A18.1829 Motorized Digital Forensic Comparison Microscope, newly developed in 2013, is designed for forensic science laboratory research work. It's suitable for comparing bullets, cartridge cases, cutting objects, paper documents and more. The system can be fully controlled manually or via computer software, featuring a built-in high resolution digital color camera for realtime image and video output.

Key Features

- Magnification range: 2x~240x
- 0-45° tiltable binocular head with adjustable interpupillary distance (48~75mm)
- 6-hole click stop nosepiece with LWD infinity plan achromatic objectives
- Motorized/manual viewfield changeover (full/split/overlapping image)
- 3D motorized/manual control working stage movement (X/Y/Z)
- Built-in 3.0M high resolution color CCD camera with USB 2.0 output
- Includes professional forensic image analysis software

Technical Specifications

Component	Specification
Eyeiece	WF10x/22mm, High Eyepoint WF20x/12mm, High Eyepoint
Objective	LWD Infinity Plan Achromatic Objective 0.5x, 1x, 1.5x, 2x, 4x, 6x Auxiliary Lens 0.4x, 2.0x
Working Distance	101mm
View Field	Dia. 2.3~62mm
Working Stage	Square Manual Working Stage 90*90mm, Moving Range 54*54*54mm Round Titable Working Stage Dia. 90mm, 0-45° Inclined, 360° Rotatable
Light Source	Multiple options including 12V50W Halogen, 5W LED, Coaxial, Polarizing, UV, and various filters
Power	80~240V Wide Range Voltage
Dimensions	40*60*72cm

Magnification Chart

Objective	Eyeiece 10X	Eyeiece 20X	Photography & Video System	Working Distance
1X/0.03	10X/φ22	20X/φ12	Measure According to Monitor & Digital Camera	102mm
1.5X/0.04	15X/φ15	30X/φ8		
2X/0.05	20X/φ11	40X/φ6		
4X/0.072	40X/φ5.5	80X/φ3		
6X/0.075	60X/φ3.7	120X/φ2		
0.5X/0.02	5X/φ44	10X/φ24		138mm

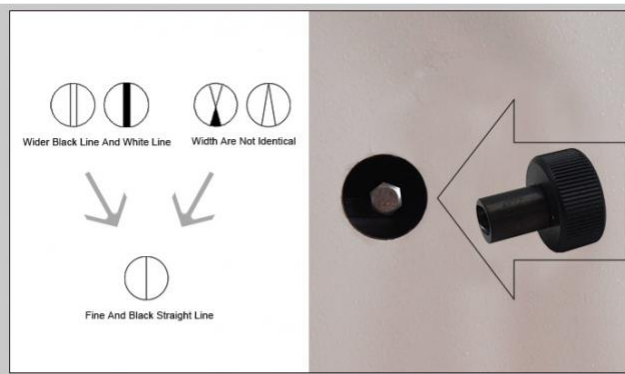
Standard Accessories

- Standard Bullet Holder 2 Sets
- Bullet Holder Set for all kinds of Bullet, Cartridge and other Objects
- 0.5x CCD Adapter For Digital Camera
- Front View Photo Adapter 2.5X For SLR Digital Camera (Nikon And Canon)
- Included Laptop with Professional Forensic Image Analysis Software

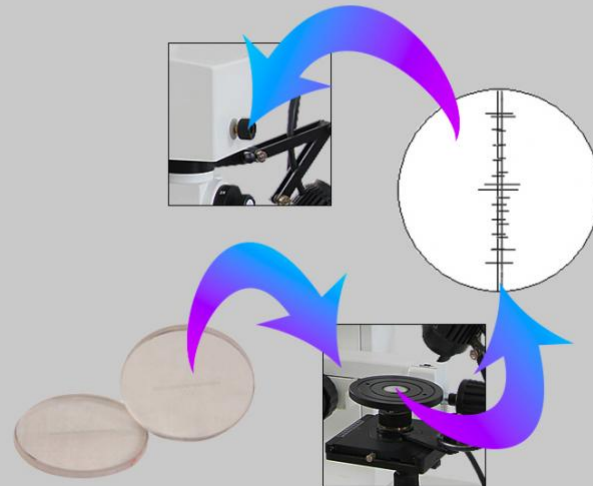
Optional Accessories

- 150W Cold Light Source, With Optical Fiber & Light Collector (A56.1821)
- Motorized Bullet Holder 1 Set (A54.1813)





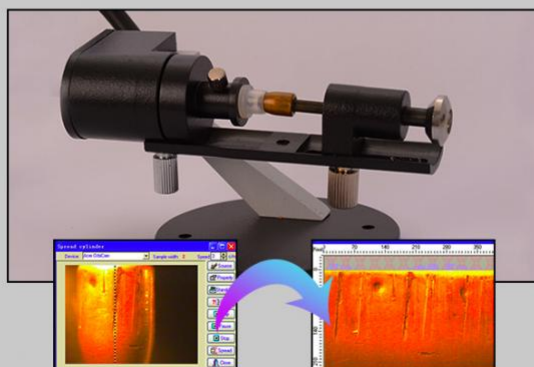
○ Separation Line Adjust System in Back, with Special Designed Adjust Driver



○ Magnification Correction System, With Correcting Lens



- Bullet Holder Set To Hold & View All Kinds Of Cartridge,Bullet,Other Objects In Different Angle And Position Freely Each Microscope Include 2 Sets



- Optional Motorized Bullet Holder, To Capture Rotating Cartridge Surface And Spread To Observe/Compare Easily, Used With Software

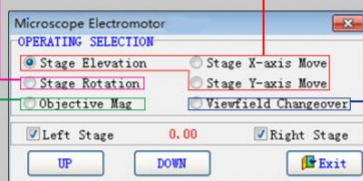


Objective Magnification

Round Stage Rotation

Stage X/Y/Elevation

Viewfield Changeover



- Motorized/Manual Viewfield Changeover Full /Split /Overlapping Image
- Motorized/Manual Control Working Stage X/Y/Elevation 3D Movement
- Motorized/Manual Control Round Working Stage Rotation +/- Direction
- Motorized/Manual Control To Change Objective Magnification



- Accessories Packed In Strong Aluminium Box

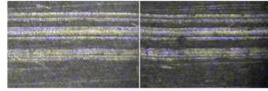
About OPTO-EDU

OPTO-EDU is a top professional microscope supplier from China with over 20 years of experience in the microscope and educational field. As a top recommended seller on Alibaba, we offer a full range of microscopes including biological, stereo, metallurgical, inverted,

Adjust the white balance



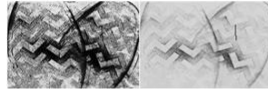
Wipe traces cutting docking



Bucket of pillow distortion correction

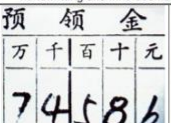
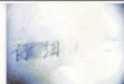


Histogram enhancement



More cases

The comparison between two bullets from same pistol		
Joint of the trail of bullet ejection	Joint of the trail of warhead rifling	Comparison between trail of firing pin on bottom of the bullet
Outstanding magnification function		
Magnified part of cartridge case	Magnified part of shotgun cartridge case bottom	Observing cartridge case bottom under long working distance
The joint and comparison between different object trails		
Joint of two cartridge cases	Joint of two cartridge cases	Joint of two cutting trails
Joint of two broken plastic objects	Joint of two scratch trails	Joint of two stamps
Comparison between two cartridge cases		
Comparison between two cartridge cases fired by same pistol	Comparison between two cartridge cases fired by different pistol	

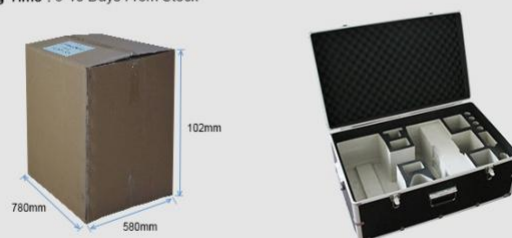
Checking documents modification under different wave length light					
					
View under normal light source, the handwriting and inks seems the same		View under excited infrared light source, it shows the modification clearly			
					
View under normal light source, the handwriting and inks seems the same		View under excited infrared light source, it shows the modification clearly		View under excited infrared light source, it shows the original handwriting clearly	
					
The text covered by same ink		The text covered by different ink			

PACKING AND SHIPPING

Packing : By Polyethylene Foam + Carton 58*78*102cm, G.W.: 65Kgs;

Optocal Aluminium Box

Shipping Time : 3-10 Days From Stock



A18.1829



COMPANY INFORMATION

☆ Real Data Of Export Countries And Regions ☆

Countries /Regions			Number of Batches	Countries /Regions			Number of Batches
客户ID	客户名称	客户名称	批数	客户ID	客户名称	客户名称	批数
23	国家/地区: KYRGYZSTAN	吉尔吉斯斯坦	批数: 1	65	国家/地区: MOLDOVA	摩尔多瓦	批数: 1
24	国家/地区: ZIMBABWE	津巴布韦	批数: 2	66	国家/地区: PALESTINE	巴勒斯坦	批数: 2
25	国家/地区: SENEGAL	塞内加尔	批数: 2	67	国家/地区: JAPAN	日本	批数: 7
26	国家/地区: EL SALVADOR	萨尔瓦多	批数: 1	68	国家/地区: CHILE	智利	批数: 6
27	国家/地区: BOLIVIA	玻利维亚	批数: 3	69	国家/地区: IRAQ	伊拉克	批数: 6
28	国家/地区: ROMANIA	罗马尼亚	批数: 5	70	国家/地区: SINGAPORE	新加坡	批数: 8
29	国家/地区: COLOMBIA	哥伦比亚	批数: 7	71	国家/地区: TANZANIA	坦桑尼亚	批数: 1
30	国家/地区: FINLAND	芬兰	批数: 1	72	国家/地区: COTE D'IVOIRE (Republic of Ivory Coast)	科特迪瓦	批数: 2
31	国家/地区: CAMEROON	喀麦隆	批数: 3	73	国家/地区: VIET NAM	越南	批数: 19
32	国家/地区: COSTA RICA	哥斯达黎加	批数: 1	74	国家/地区: IRAN	伊朗	批数: 6
33	国家/地区: SPAIN	西班牙	批数: 6	75	国家/地区: SWEDEN	瑞典	批数: 5
34	国家/地区: ISRAEL	以色列	批数: 9	76	国家/地区: UZBEKISTAN	乌兹别克斯坦	批数: 2
35	国家/地区: NIGERIA	尼日利亚	批数: 7	77	国家/地区: TURKEY	土耳其	批数: 8
36	国家/地区: EGYPT	埃及	批数: 13	78	国家/地区: BELGIUM	比利时	批数: 2
37	国家/地区: CAMBODIA (Kampuchea)	柬埔寨	批数: 2	79	国家/地区: LAOS	老挝	批数: 1
38	国家/地区: PARAGUAY	巴拉圭	批数: 2	80	国家/地区: BRAZIL	巴西	批数: 15
39	国家/地区: MADAGASCAR	马达加斯加	批数: 1	81	国家/地区: BANGLADESH	孟加拉国	批数: 6
40	国家/地区: MACEDONIA	马其顿	批数: 1	82	国家/地区: ECUADOR	厄瓜多尔	批数: 2
41	国家/地区: BENIN	贝宁	批数: 1	83	国家/地区: NETHERLANDS	荷兰	批数: 8
42	国家/地区: UKRAINE	乌克兰	批数: 3	84	国家/地区:		批数: 6
43	国家/地区: NEW ZEALAND	新西兰	批数: 2	85	国家/地区: THE PHILIPPINES	菲律宾	批数: 15
44	国家/地区: LITHUANIA	立陶宛	批数: 1	86	国家/地区: THAILAND	泰国	批数: 18
45	国家/地区: NORWAY	挪威	批数: 1	87	国家/地区: GERMANY	德国	批数: 12
46	国家/地区: SWITZERLAND	瑞士	批数: 2	88	国家/地区: SRI LANKA	斯里兰卡	批数: 2
47	国家/地区: HONGKONG	香港	批数: 3	89	国家/地区: PERU	秘鲁	批数: 12
48	国家/地区: ARGENTINA	阿根廷	批数: 4	90	国家/地区: SAUDI ARABIA	沙特阿拉伯	批数: 4
49	国家/地区: TAIWAN	中国台湾	批数: 1	91	国家/地区: INDIA	印度	批数: 23
50	国家/地区: ALGERIA	阿尔及利亚	批数: 1	92	国家/地区: BULGARIAN	保加利亚	批数: 3
51	国家/地区: MALAYSIA	马来西亚	批数: 17	93	国家/地区: ITALY	意大利	批数: 19
52	国家/地区: GREECE	希腊	批数: 1	94	国家/地区: TUNISIA	突尼斯	批数: 1
53	国家/地区: UNITED KINGDOM	英国	批数: 13	95	国家/地区: RUSSIA	俄罗斯	批数: 33
54	国家/地区: MOROCO	摩洛哥	批数: 2	96	国家/地区: UNITED STATES	美国	批数: 51
55	国家/地区: YEMEN	也门	批数: 1	97	国家/地区: MEXICO	墨西哥	批数: 12
56	国家/地区: AUSTRALIA	澳大利亚	批数: 12	98	国家/地区: HUNGARY	匈牙利	批数: 3
57	国家/地区: LITHUANIA	立陶宛	批数: 3	99	国家/地区: CANADA	加拿大	批数: 6
58	国家/地区: GEORGIA	格鲁吉亚	批数: 3	100	国家/地区: POLAND	波兰	批数: 6
59	国家/地区: CZECHO	捷克	批数: 2	101	国家/地区: PAKISTAN	巴基斯坦	批数: 5
60	国家/地区: KENYA	肯尼亚	批数: 2	102	国家/地区: KOREA	韩国	批数: 23
61	国家/地区: INDONESIA	印度尼西亚	批数: 14	103	国家/地区: UNITED ARAB EM	阿拉伯联合酋长国	批数: 5
62	国家/地区: DENMARK	丹麦	批数: 2	104	国家/地区: LATVIA	拉脱维亚	批数: 1
63	国家/地区: VENEZUELA	委内瑞拉	批数: 1				
64	国家/地区: FRANCE	法国	批数: 8				

OUR WORKSHOP





OPTO-EDU ADVANTAGES

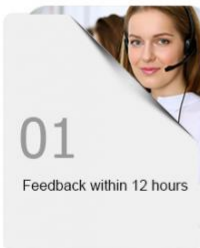
- ☆ Alibaba Recommend Top Supplier for Microscopel
- ☆ All Kinds of Microscope from China!
- ☆ Factory Direct Price!
- ☆ Nice Quality!
- ☆ More Than 1200 Microscope Models!
- ☆ Small Order Welcome!
- ☆ Payment By PayPal, WU, Alibaba!
- ☆ Quick Shipping Within 5 Days!
- ☆ Warranty 3 Years For Our Microscopel



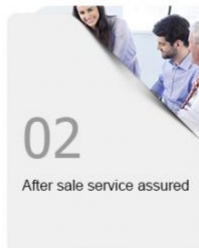
- ☆ **WITH US YOUR MONEY IS SAFE!**
- ☆ **WITH US YOUR TRADE IS SAFE!**



OUR SERVICE



01
Feedback within 12 hours



02
After sale service assured



03
3 years warranty time



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