



A18.1816-A

Questioned Document Examination System

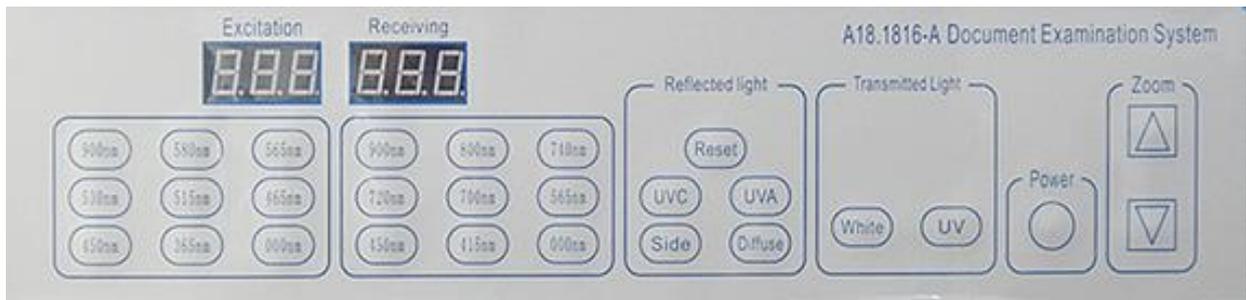




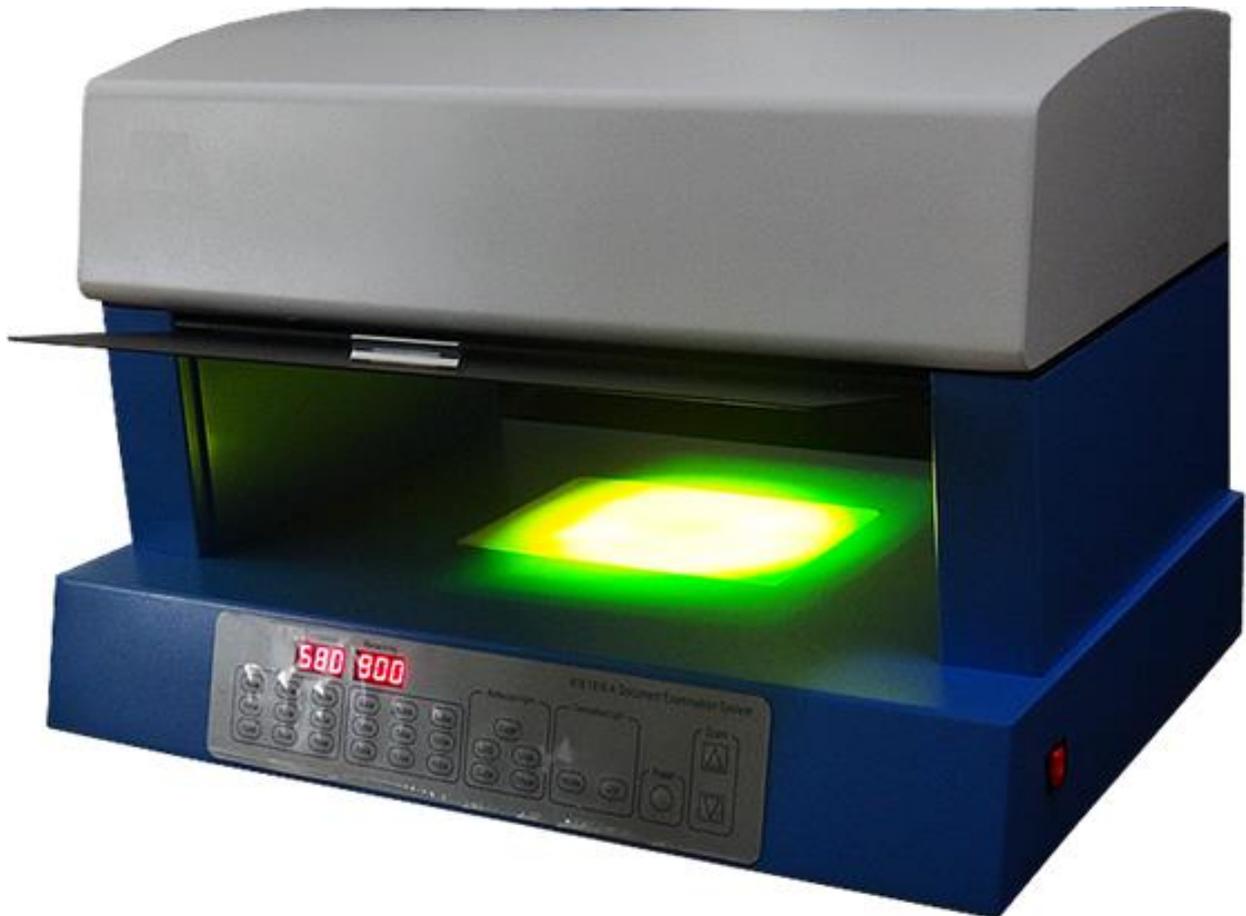
**A18.1816-A Document Examination System
Back view, with doors opened at both sides, easy to put large documents**



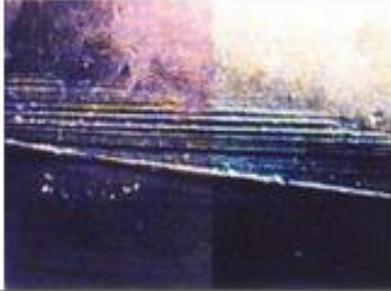
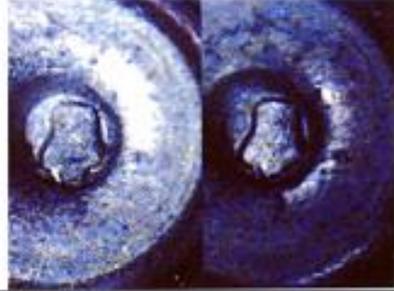
**A18.1816-A Document Examination System,
Multi Light Source For Checking All Kinds of
Documents**



A18.1816-A Document Examination System, Control Panel



A18.1816-A Used With A30.1801 Forensic Image Analysis Software Crime Image

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

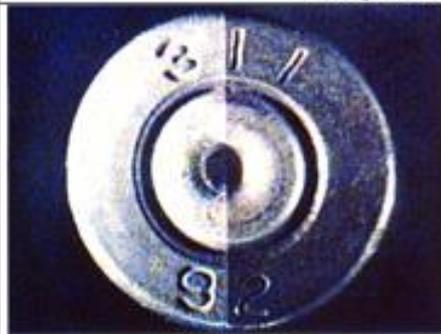


Magnified part of shotgun cartridge case bottom



Observing cartridge case bottom under long working distance

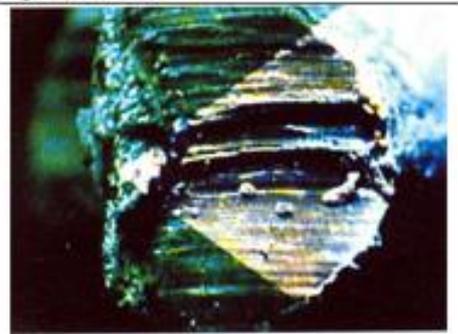
The joint and comparison between different object trails



Joint of two cartridge cases



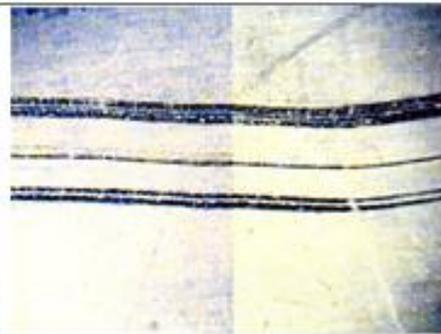
Joint of two cartridge cases



Joint of two cutting trails



Joint of two broken plastic objects

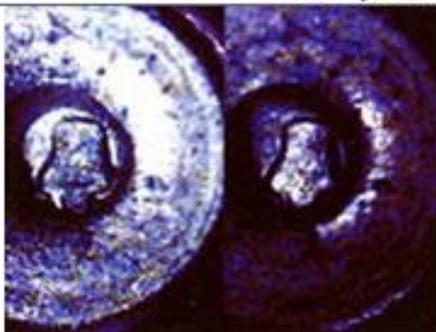


Joint of two scratch trails

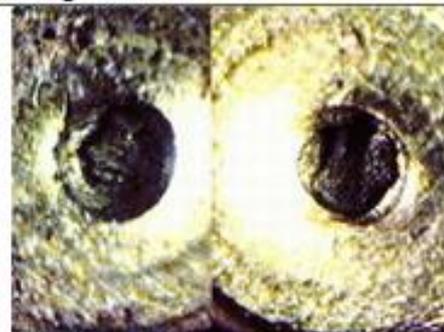


Joint of two stamps

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

 <p>行名称: 2420046 人帐号: 亿千百十万千百十元角分 4468000 (借)..... 科目(贷).....</p>	 <p>行名称: 2420046 人帐号: 亿千百十万千百十元角分 4469000 (借)..... 科目(贷).....</p>
View under normal light source, the handwriting and inks seems the same	View under excited infrared light source, it shows the modification clearly

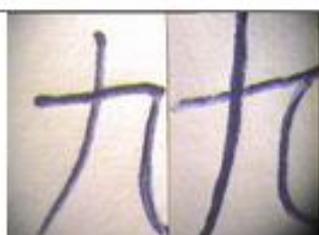
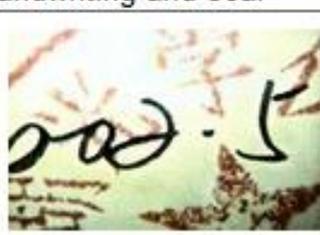
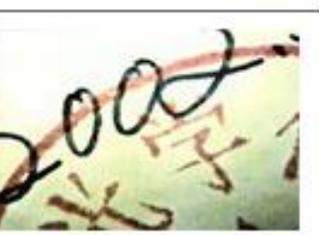
<p>预领金</p> <table border="1"> <tr><td>万</td><td>千</td><td>百</td><td>十</td><td>元</td></tr> <tr><td>7</td><td>4</td><td>5</td><td>8</td><td>6</td></tr> </table>	万	千	百	十	元	7	4	5	8	6	<p>预领金</p> <table border="1"> <tr><td>万</td><td>千</td><td>百</td><td>十</td><td>元</td></tr> <tr><td>7</td><td>4</td><td>5</td><td>8</td><td>6</td></tr> </table>	万	千	百	十	元	7	4	5	8	6	<p>预领金</p> <table border="1"> <tr><td>万</td><td>千</td><td>百</td><td>十</td><td>元</td></tr> <tr><td>1</td><td>1</td><td>5</td><td>3</td><td>6</td></tr> </table>	万	千	百	十	元	1	1	5	3	6
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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																														

 <p>款 7200 教人 李律</p>	 <p>阅读 行 30</p>
The text covered by same ink	The text covered by different ink

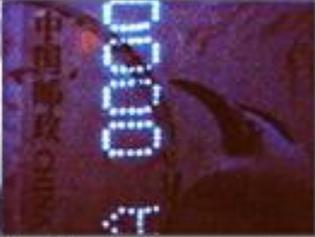
Comparison between the seals under ultraviolet light source

			
The anti-fake stamp show clearly its mark under ultraviolet light source	The normal stamp dose not have mark under ultraviolet light source	The normal stamp dose not have mark under ultraviolet light source	The normal stamp dose not have mark under ultraviolet light source

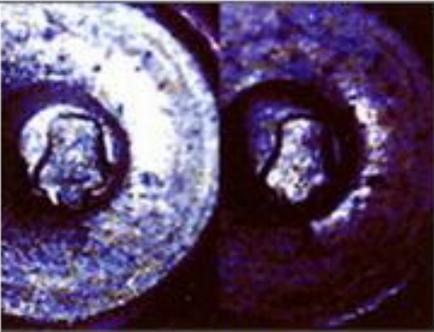
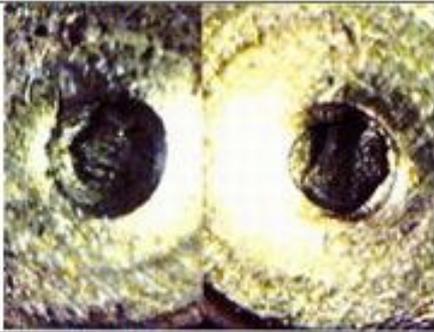
The different order of handwriting and seal

			
Under normal light	Illumination Effect shows the order clearly	Handwriting cover the seal	Seal cover the handwriting

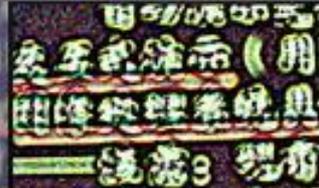
Comparison to check false money, certificate or stamps

			
Real money	False money	Real money	False money
			
Real identify card under normal light	Real identify card under ultraviolet (365nm) light	Real stamp under normal light source	Real stamp under ultraviolet light source

Comparison between two cartridge cases

	
Comparison between two cartridge cases fired by same pistol	Comparison between two cartridge cases fired by different pistol

Crime Image can make blur image clearly

			
Focus-out Blur Image	Restoration Effect	Motion Blur Image	Restoration Effect

Change wave band to get a clear image

			
Gray-scale expand image	Gray-scale expand effect image	Image under normal length	Image under different wave length

Product Specification

A18.1816 Questioned Document Examination Analyzer

A18.1816 Questioned Document Examination Analyzer is an ideal tool to inspect, observe and compare many kinds of objects, evidences including:

--All kind of questioned documents: Used of different kinds of writing instruments, by adding, altering, conceal, forgery and other methods of fade contract, IOUs, real estate contracts, invoices, bills of exchange, checks, bills of lading, passports and so on.

--Various fluorescent encryption securities: checks, stocks, credit cards, stamps and special trademarks.

--Identify cards, resident identify cards, temporary residence permits, etc.

--Currency: US Dollars, H.K. Dollars, RMB, etc.

Light Source System	Main Light Source : 1x 24V/150W Halogen Lamp, With Cooling Fan, Focusing Lens, And Heat-Resistance Glass Cover
	UVC: Short-Wave Ultraviolet Light 254nm, 1x10W
	UVA: Long-Wave Ultraviolet Light 365nm, 1x10W
	Upper Visible Side Light: 1x50W, With Lamp Holder Which Can Adjust Position And Angle Freely, Used To Check Indentation
	Transmitted White Light 2x20W
	Excitation Wavelength: 000nm,365nm,450nm,465nm,515nm,530nm,565nm,580nm,900nm
	Receiving Filter: 000nm,415nm,450nm,565nm,700nm,720nm,740nm,800nm,900nm
Video Camera System	High Sensitive, High Resolution 1/3" CCD Color Digital Camera, 650 Lines, Sensitivity 0.001 Lux, Especially Sensitive To Near-Infrared And Visible Spectral Bands Light Source.
	Electrical Zoom Lens, Aperture 1.2, Zoom Ranges 1~30x
Function	Fluorescent Light Source With Multi Excitation And Receiving Filter Combinations, Can Exam And Compare The Different Inks Used On Documents
	Reflect Light And Receiving Filter Combination, Can Exam The Reflection And Absorption Of Different Wavelengths On Different Inks.
	Reflect Light And Receiving Filter Combination, Can Exam The Transmission Of Different Wavelength Infrared Light On The Different Inks.
	Transmit Light And Receiving Filter Combination, Can Exam The Transmission Of Different Wavelength Infrared Light On The Different Inks
	Reflect Side Light Can Exam The Scratch, Cut Marks On documents.
	Transmit Light Can Illuminate From The Bottom Side To Exam The Scratch, Cut Marks On Documents.

Samples to choose light source according to different objects.

Objects	Light Source	Excitation	Receiving	Exam
Distinguish Altered Or Added Text By Different Kinds Of Ink	Excitation	485-550 nm	700-900 nm	Alter
Natural Subside Text On Thermal Paper, Carbon Paper	Excitation	480-550 nm	700-740 nm	Subside
Phosphor Fingerprint	Excitation	480-550 nm	700-740 nm	Fluorescent
Multilayer Indentation	Reflected Light _ Side	000nm	900nm	Indentation
Text On The Black Cloth	Reflected Light _ Side	000nm	900nm	Covered Text
Text In The Kraftpaper Envelopes	Transmitted Light _ UV	000nm	900nm	Transmit
Correction Fluid	Transmitted Light _ UV	000nm	900nm	Alter
Security Trademark	UVC	000nm	000nm	Real/False
Currency Fluorescent	UVA	000nm	000nm	Fluorescent

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200+ Hot sale microscopes & Newest Models Updated Every Month
750+ Customer from all over the world & keep rising every day
1500+ Microscope products create your one-stop purchase platform
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