

KWICK

S O F T

PRODUCT CATALOGUE

“Synergizing Law Enforcement with Justice Delivery System”
by adopting technologies and usage of scientific kits

Specialist in Total Evidence Management from Crime Scene Includes
Fingerprint/Forensics/Cyber-Digital Forensics/DNA/Mobile Vehicles, Digitization
of Evidences and Artificial Intelligence for In Depth Analysis of Criminals
Through Social Media Network

Total Evidence Management
From Crime Scene to Court- Everything under one Roof

WHO WE ARE

Kwick Soft is focused on Modernization of Police Departments involved in Crime Scene Investigations Specializing in Evidence Identification, Collection, Digitization using Scientific Kits and user friendly Handheld Devices. Our forte is supply of fully Equipped Micro Mini Mobile C.S.I units and Mini Mobile C.S.I. Vehicles, we help Setting up of “Centre for Excellence” at Police Training institutes to adopt best practices in Total Evidence Management. We also offer up-gradation of Forensic Science Labs, Fingerprint Bureau, Digital Forensics (Cyber Crime) and DNA Labs.

OBJECTIVE

Standardization, Strengthening and Synergizing Law Enforcement with Justice Delivery System. To minimize the time period to conclude a court case from existing over 15 years to less than 6 months. Our products match with Supreme Court Guide lines for Tamper Proof Digital Evidences.

FOUNDER

Kwick Soft is headed by Founder/Managing Director, Mr. Shammer Shah, who has keen business acumen and is instrumental in driving the company forward into multiple verticals. Kwick Soft has excellent goodwill and reputation across the country as supplier of quality Crime Scene Investigation Products and Solutions, creating awareness at All India level by visiting each and every state of the country and demonstrating the products and innovating techniques in Evidence Management System. Mr. Shammer Shah, is ably assisted by the Chief Executive Officer of the company, Mr. Ashok Hinduja, whose knowledge of the forensics and software has helped the company to grow by leaps and bounds. Kwick Soft has its sales and marketing team and offices at major states in the country catering to almost all the 36 states.



4K MOBILE MULTISPECTRAL LATENT FINGERPRINT DETECTION DEVICE

Supplied to Several States
in India & Globally



Windows
Operating System



10" Full HD
Touch Screen



Lightweight
Aluminum Body



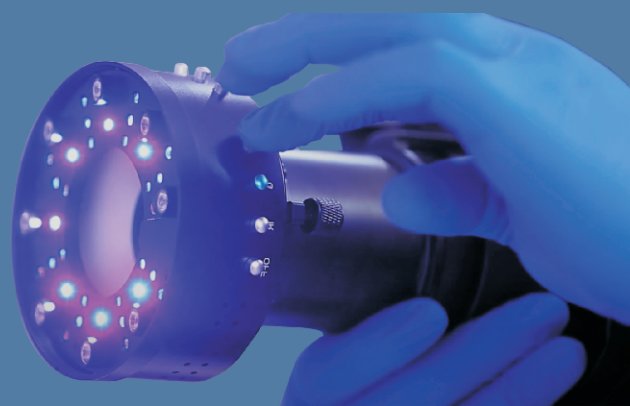
5,000mAh Battery



Wifi



TIF card support



MOBILE MULTISPECTRAL LATENT FINGERPRINT DETECTION DEVICE

Special Forensic Software



Raw Imaging and RAW Video Recording
Quick Photo Click Button
Date Assignment Images
Zoom On Live Image
Image Enhancement
Convert and Save Recorded Video and Images in RAW Format
Detailed Reporting
Image Archive Platform
Exports Reports or Images Via USB or TIF Card
Advanced Case information Search and Archive Platform

Professional Special Light Filters

Ring Filter
Total 4 Different Filters
Orange Filters
U3A
Band Pass 720nm
Band Pass 850nm



UV-VIS-IR Macro Lens

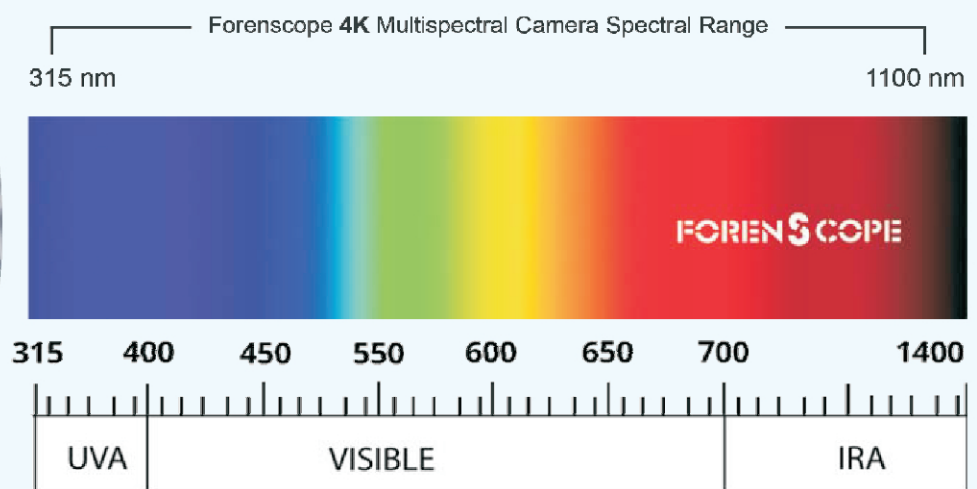
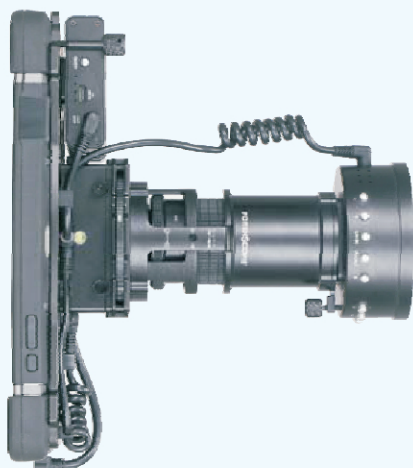
UV-IN Light
UV-OUT Light
UV-G Light
Blue Light
Green Light
Infrared Light

**Capable of integration
with AFIS/NAFIS**

Battery Power Source

Instant Replaceable Battery Power Center
Non-stop Real Mobility
Fast-Charging Type-C input

Imaging System

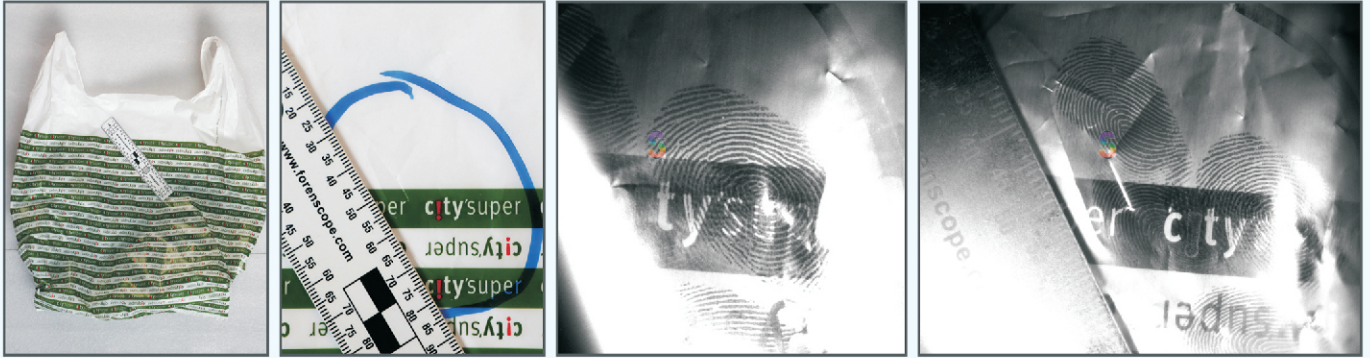


- 16.3 MP Multispectral 4K Camera (315-1100nm±20nm)
- Real Time UVA-VIS -IR Live Imaging
- Camera Sensor Pixels: 4655x3515 : 16.362.325px
- Camera Live Image: 1920x1080 Full HD
- Picture size minimum 4640x3506 : 16.267.840px, 46.5 MB
- 4640x3506 Resolution Real RAW Picture
- Real RAW Video Imaging
- 35mm F3.5 UV lens (Transmission Wavelength 315nm-1200nm)
- 4cm to Infinity Focus
- Aperture:f/3.5
- Digital Zoom Function which Works With Software
- Storage Capacity : 256GB

MOBILE MULTISPECTRAL LATENT FINGERPRINT DETECTION DEVICE

Fingerprint Applications

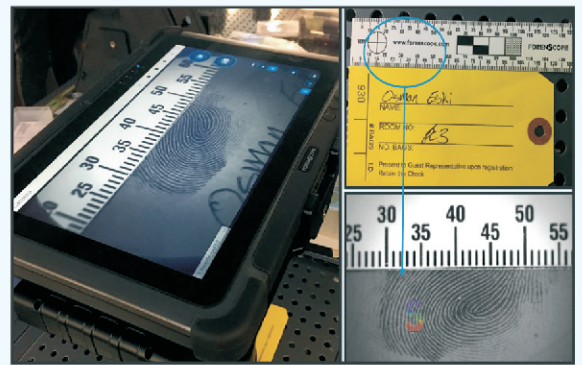
PLASTIC CARRY BAG



METAL CABINET



LUGGAGE TAG



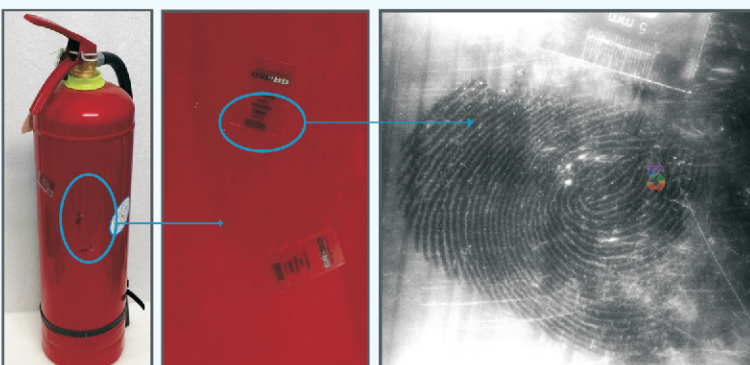
GLASS BEER BOTTLE



THERMAL PAPER



FIRE EXTINGUISHER



WOODEN DOOR



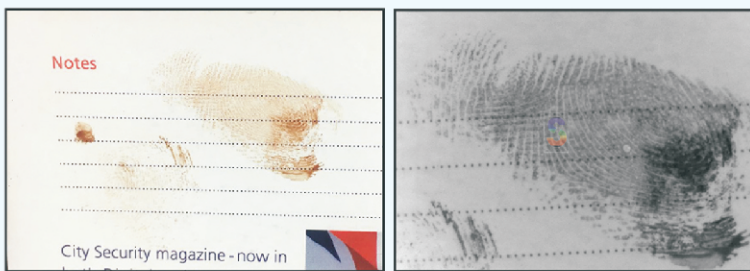
MOBILE MULTISPECTRAL LATENT FINGERPRINT DETECTION DEVICE

Fingerprint Applications

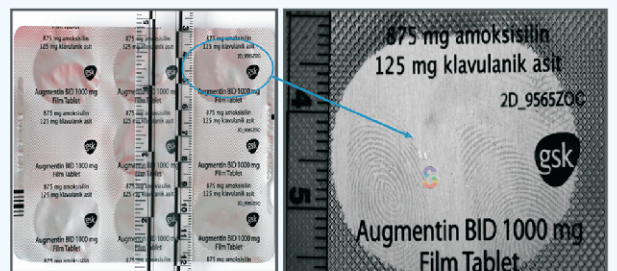
CONCRETE WALL



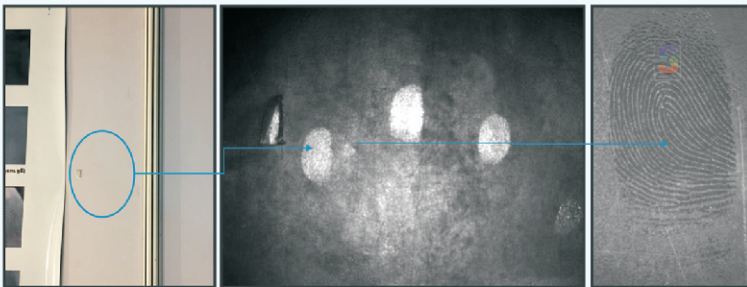
BLOOD AND FINGERPRINT ON VISITING CARD



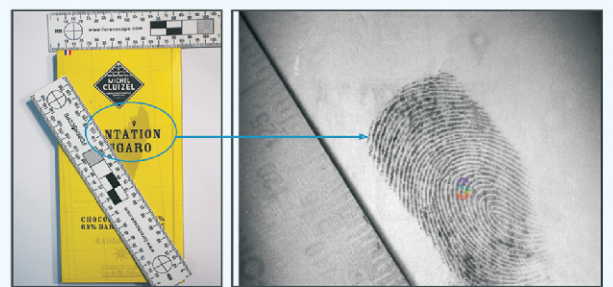
PHARMACEUTICAL PACKAGING



SUNMICA SURFACE



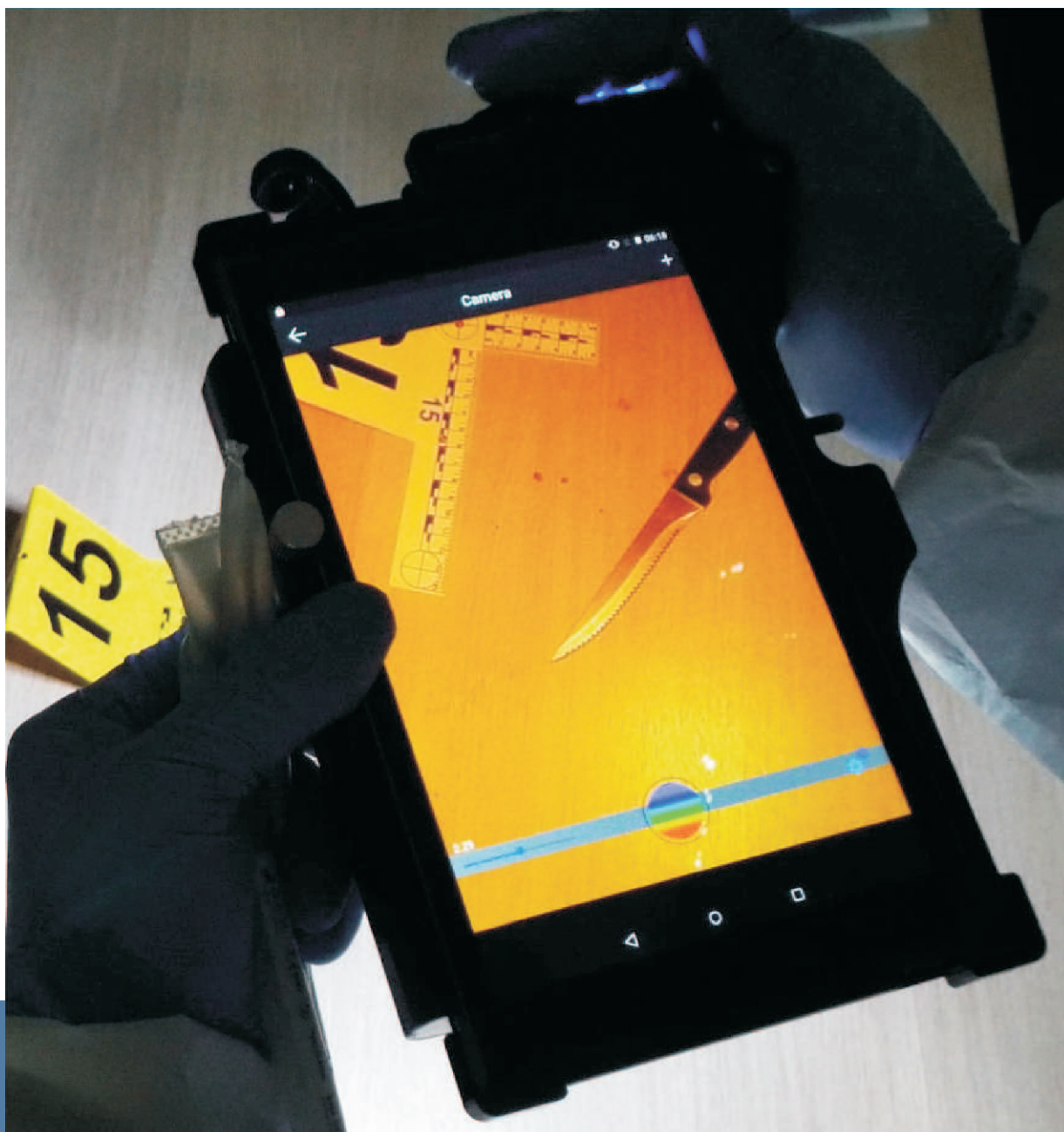
CHOCOLATE PACKAGE



FLIGHT TICKET



The world's first Mobile Multispectral UV-VIS-IR Imaging System
Designed for Crime Scene Investigation and Evidence Searching



**Forensic Mobile Multispectral
Imaging System**

MODULAR SYSTEM



**High quality interchangeable
Camera Lenses**

**Interchangeable Narrow Band
Pass and Long Pass Filter System**

Dynamic Software Modules

One touch UV/VIS/IR Imaging System

Changeable Battery Power Source

Professional Portable PAD terminal

The world's first Evidence Friendly Mobile Blood, GSR & Body Fluids Detection System

This high-tech integrated mobile device detects invisible potential blood spots, gunshot residues body fluids such as semen, saliva and urine on the dark or complex surfaces with Macro & Micro Imaging, Archiving and Data transfer features.

Professional Mobile PAD Terminal



Android Operating
System



8" High resolution
IPS screen



Light weight
aluminum body



4,500mAh 3.7.V
Battery



TF card support



Sim card slot



4G



WiFi

Unique ForenScope Camera



13 MP UV- VIS- IR
CMOS sensor



One touch auto
focus



4x digital zoom



Image Size:
13 MP: 4160x3120
8MP: 3264x2448
5MP: 2560x1920
3MP: 2048x1536
2MP: 1600x1200



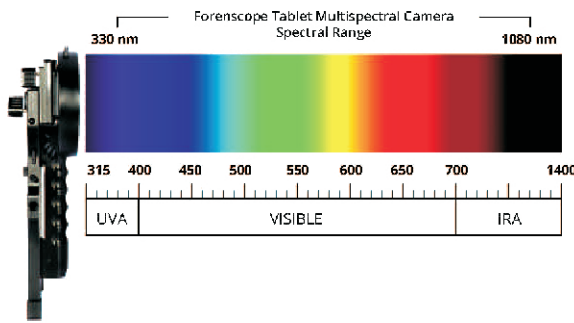
Lens f/2.2 & 10cm
close range imaging



Monochrome
and Colour
Imaging

Unique Changeable Multispectral Light Technology

World's first 13MP UV-VIS- IR Multispectral Camera & Integrated Filters



US-VIS-IR Macro Lens

White light Group
UV-A light Group
Violet light Group
Blue light Group
Infrared1 light Group
Infrared2 light Group

US-VIS Micro Lens

White light Group
UV-A light Group
Violet light Group
Blue light Group
Infrared1 light Group
Infrared2 light Group

US-VIS-IR Micro Lens (Optional)

White light Group
UV-A light Group
Blue light Group
Cyan light Group
Green light Group
Red light Group

And Optional IR and UV Led Groups



Filter System

For Image Sharpness

Yellow optical coating filter*

Orange optical coating filter*

Violet (Purple)415nm Bandpass filter for Blood Detection

Red optical coating filter for Fingerprint Micro Lens & optional specific filters*

*Please contact ForenScope exclusive distributors for detailed Information



A Multi Feature Control Software

Unique Real Time Image Comparison

Quick View button

Zoom on live image

Advanced Case information search & archive platform

Macro and Micro Image archive platform

Scale, take notes, add date-time, rotate, crop, draw the Image

Exports detailed report or images via e-mail or USB flash memory

Colour and Mono Camera Mode

Backup and more features....

Battery

Instant Replaceable Battery Power Center

20,000mAh plug-in high-capacity lithium battery

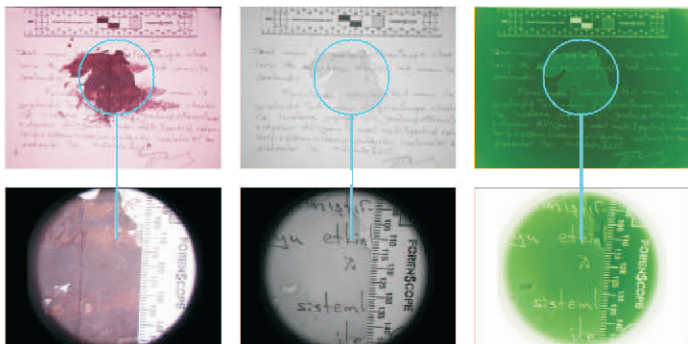
Non stop real mobility, uptime to 4 hours

Past-charging Type-C input

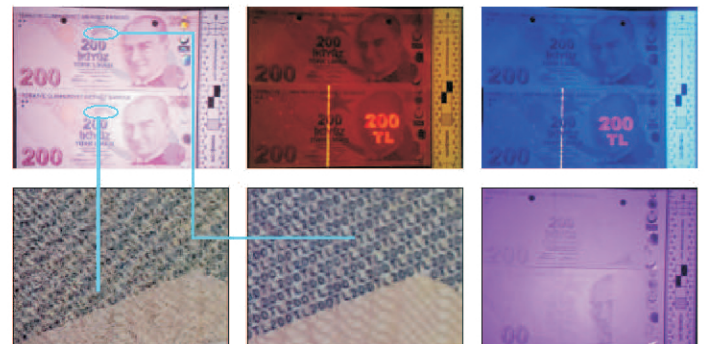
Suitable for additional battery power source



DOCUMENT EXAMINATION - STEGANOGRAPHY



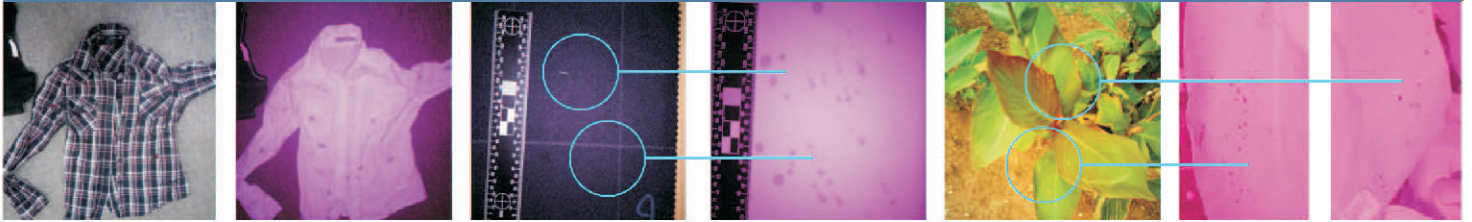
DOCUMENT EXAMINATION - COUNTERFEIT CURRENCY



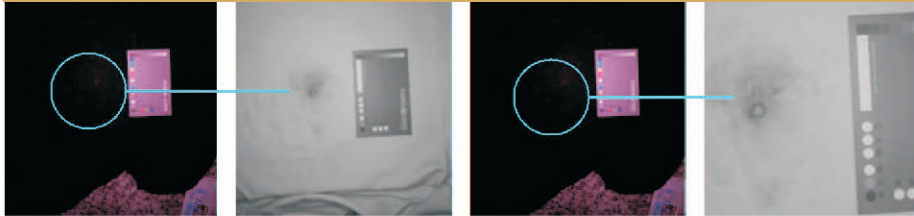
COUNTERFEIT BANKNOTE
MICRO PRINTING

ORIGINAL BANKNOTE
MICRO PRINTING

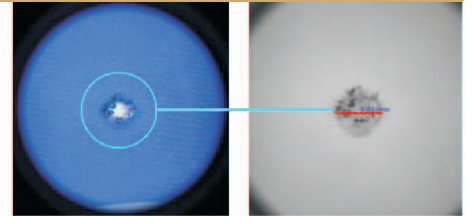
BLOOD STAIN DETECTION



GUNSHOTS RESIDUES



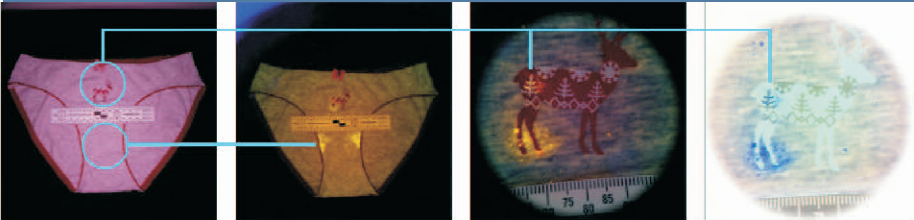
GSR SOFTWARE TEST



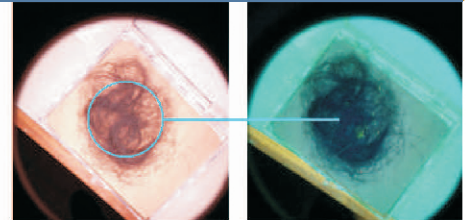
Test Shoot: Forenscope Software semi-automatic measurement mode - 9 mm lead- 2 meters Distance

BODY FLUIDS

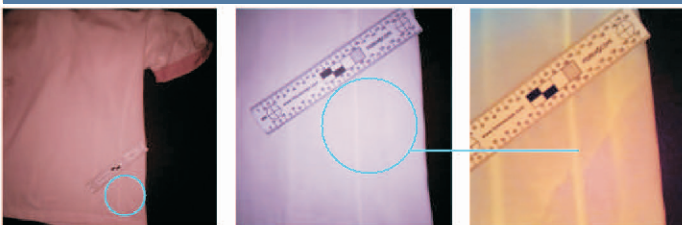
SEMEN



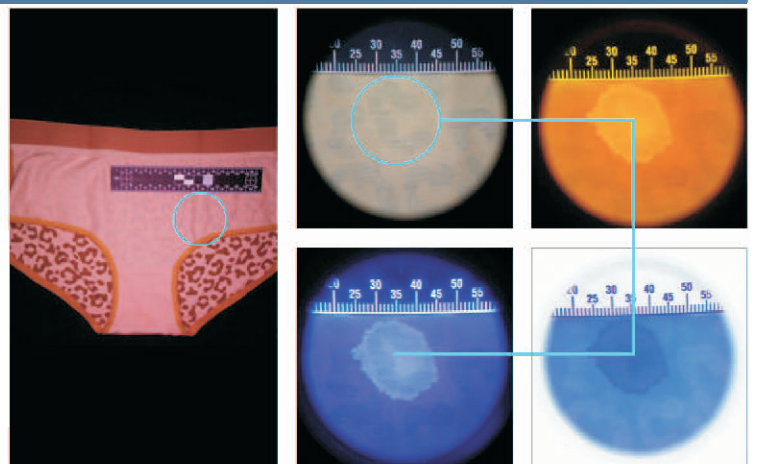
SEMEN IN HAIR



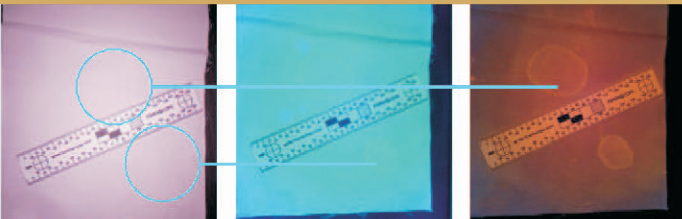
SWEAT



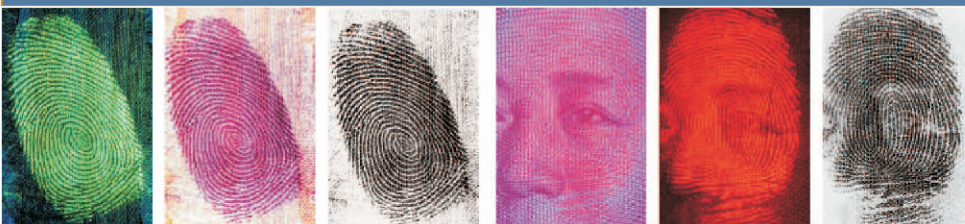
URINE



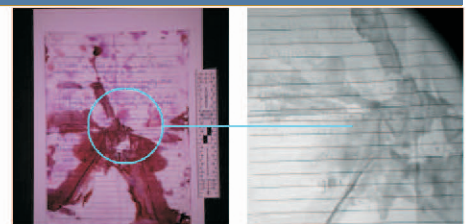
SALIVA



FINGERPRINT



DOCUMENT EXAMINATION - SUICIDE LETTER



Digital Multipurpose Optical Comparator **Model: KSSDMOC-0223** **For Fingerprint Evidence Examination**



Description

- KSSDMOC-0223 will be of immense use in the fingerprint bureau in the examination of critical evidence and generate comparison on report.
- Can import export evidence through the intranet
- Small space 3 feet by 2 feet can setup the fingerprint examination table
- Easy to install with plug and play model

Features

- KSSDMOC-0223 is easy to use for fingerprint physical examination with different forms shapes sizes and colors through intelligent software features
- Following comparison/ Evaluation can be made through KSSDMOC-0223
- Fingerprint/ palmprint/Footprint comparison from developed through powder, ink, and fumigated prints also.
- Trace evidence like hair fibers glass fragments soil etc.,,
- Documents printed and handwritten
- Depending on the expertise of the expert to evaluate any evidence that can be viewed

Crime Scene Investigation Vehicles

Mini Mobile C.S.I Laboratory

We supply vehicles as per client choice fully equipped with basic to advanced Kits for Criminal Investigations to scientifically & digitally identify critical evidences from crime scene. Experts could experience a new way of Crime Scene Investigation and perform instant tests leading to suspects much faster and establishing crime in court.

- Customized vehicles as per requirements
- Long lasting fabrication & High quality material
- Useful Scientific Kits and Portable Devices
- We also customize vehicle purchased through GeM & Fabricate to your requirements.



Customized C.S.I. Vehicles with Scientific Kits listed below

SCIENTIFIC KITS

Latent Fingerprint Development

Alternate Light Sources

Evidence Packaging, Labeling & Sealing

Personal Protection

Crime Scene Documentation/Photography

Evidence Collection Tools & Kits

Physiological Specimen/DNA Collection Kit

Blood Search ID & Enhancement

GSR, Serial Number Restoration & Trace Metal

NARK Presumptive Drug Analysis

Tire, Tool, Footwear Casting & Impressions

Fingerprint Taking

Magnifiers & Comparators

Digital Forensics

Theft & Fraud Detection

Laboratory Equipment

Helmets & Body Shields



Crime Scene Investigation Vehicles

Mini Mobile Vehicle with LAB Setup



Mini Mobile Vehicle with Scientific Kits



Micro Mini Mobile Vehicle



ForenScope CSI Pro Smartphone

The ForenScope CSI Pro Smartphone provides the power of a crime lab in the palm of your hand. Fully customized 6" ForenScope Smartphone with internal forensic software. Features UV/visible, polarizing and special long pass orange filters. Includes integrated LED white, UV and two different blue light settings. Easy to use for all levels of law enforcement.



CAMERA

- UV (UVA) VIS and Polarizer 12 MP Multispectral Camera
- Unique combination of polarized light and polarized camera for reflection-free images from any angle

RING LIGHT SYSTEM

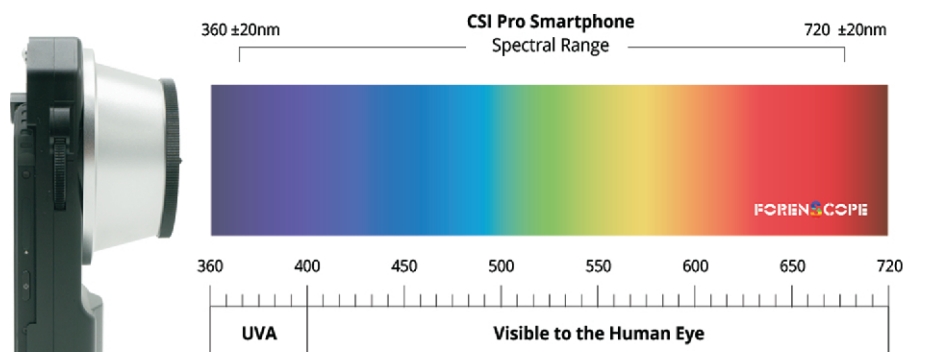
- White Polarizer
- White+
- UV (UVA)
- Blue 1
- Blue 2
- Green

RING FILTER SYSTEM

- Full Spectrum
- Polarizer
- Special Long Pass Yellow
- Orange

SPECIAL FORENSCOPE ANDROID SOFTWARE FOR CASES

- RAW Photography
- Video
- 1:1 Imaging
- Detailed Reports



Ring Light System - White Polarizer | White + | UV (UVA) | Blue 1 | Blue 2 | Green

ForenScope CSI PATROL Smartphone



The ForenScope Patrol Smartphone provides the power of an advanced fingerprint camera at an affordable price for all of law enforcement. Fully customized 6" ForenScope Smartphone includes internal forensic software. Features UV/Visible and polarizing filters. Includes integrated LED white and UV light settings. Easy to use for all levels of law enforcement. Excellent for quickly capturing latent fingerprints that have been processed with black, dual contrast or white fingerprint powders.

CAMERA

- VIS and Polarizer 12 MP Multispectral Camera
- Unique combination of polarized light and polarized camera for reflection-free images from any angle

RING LIGHT SYSTEM

- White Polarizer
- White+
- UV (UVA)

RING FILTER SYSTEM

- UV Visible
- Polarizer

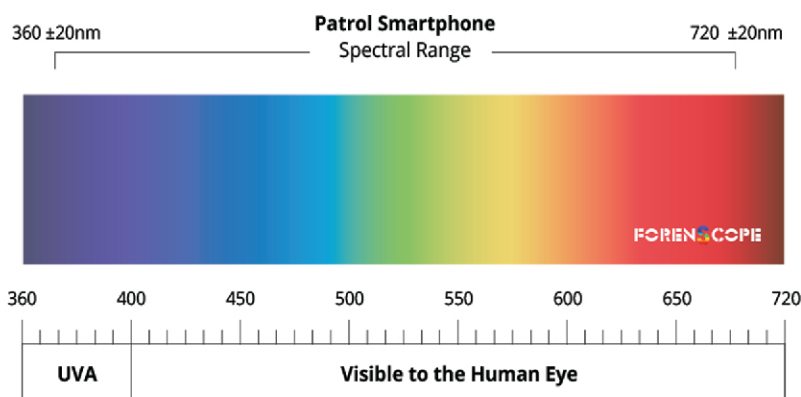
SPECIAL FORENSCOPE ANDROID SOFTWARE FOR CASES

- RAW Photography
- Video
- 1:1 Imaging
- Detailed Reports

Before



After



Ring Light System - White Polarizer | White + | UV (UVA)

ForenScope Mobile Multispectral Contactless Fingerprint Detection System

100%Contactless Fingerprint Imaging Requiring No Powder or Chemicals



The system operates without being affected by daylight



Environment Friendly

Fast & contactless
fingerprint: imaging

Does not require
finger print powder, chemicals,
smoke or respirable dust

Secure working environment



Evidence Quality

No chance of contaminating or
destroying the DNA within the
latent print

Does not affect or destroy the
fingerprint itself allowing the
untouched latent mark to
be used for DNA analyzes



Mobility

Completely mobile due to high
powered batteries

Easy to handle lightweight device

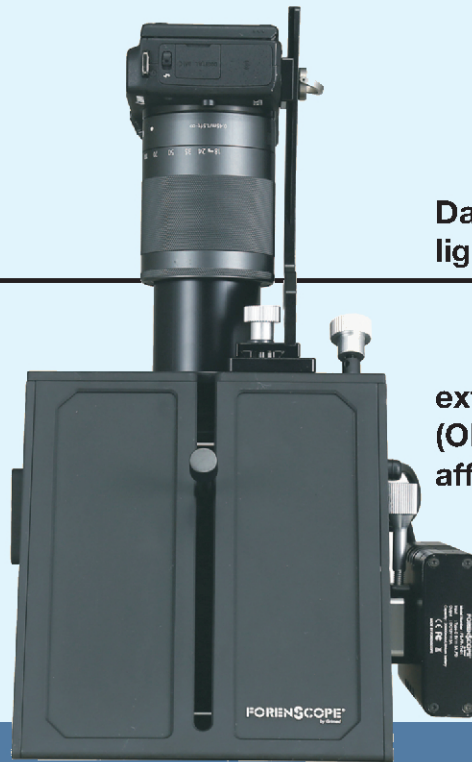
The flexibility of taking the lab to
the scene, not the scene to the lab

0°~85° Multispectral Spot
Lighting Function

Darkroom feature for external
light systems

Changeable White / UV1/
Blue / Cyan / Green / Red
Narrowband Led groups and
one touch switch

Records images without using
external lights between 95° - 170°
(Oblique lighting), without being
affected by outside light



ForenScope Multispectral Full Functional Lighting Imaging System Designed for Crime Scene Investigation

Multispectral Full Functional Light System

White Light Group

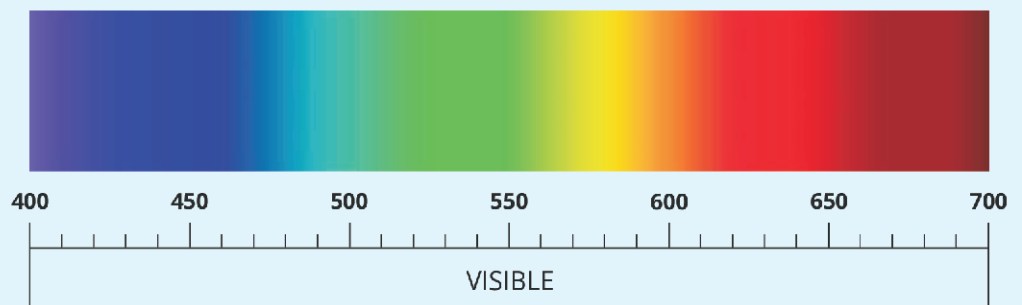
UV Light Group

Blue Light Group

Cyan Light Group

Green Light Group

Red Light Group



Changeable 3 Position Filter System

For Image Sharpness

Yellow Optical Coating Filter

Orange Optical Coating Filter

Red Optical Coating Filter & Optional
Specific Filters



Battery

Instant Replaceable Battery

Power Center

20,000mAh built-in high-capacity
lithium battery

Type-C input for Fast-charging



Designed for Reflective Fingerprint and Handprint imaging

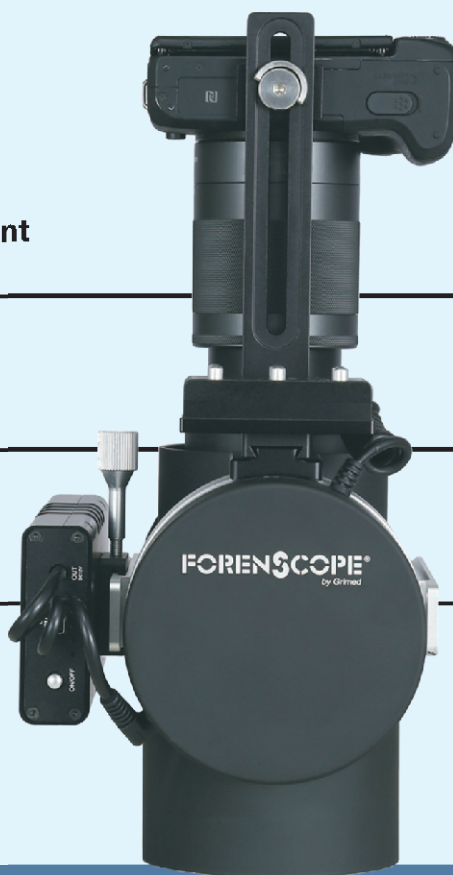
Multispectral mirror system for reflective imaging

4 different LED Groups for high coaxial imaging

No additional user calibration required

Easy switching between the LED light groups with control button

The power and intensity of the LED light group



ForenScope Multispectral Evidence Imaging System

Camera



24MP CMOS sensor & Capable of RAW Imaging



Imaging Size:
24MP:6000x4000
12MP:4320x2880
6MP:2880x1920
4MP:2304x1536
0.3MP:720x480



One touch auto focus



14.5cm close range imaging



Monochrome and Colour Imaging



TF card support

Unreflecting Light System

White Light Group
Blue Light Group
Green Light Group
Red Light Group



Battery

Instant Replaceable Battery Power Center

20,000mAh built-in high-capacity lithium battery

Type-C input for Fast-charging



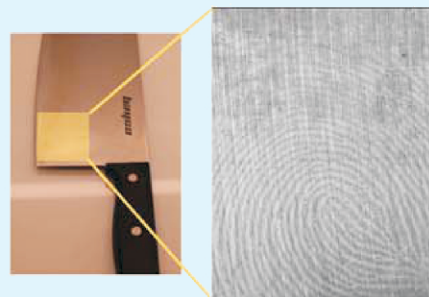
Glass - Window Outside



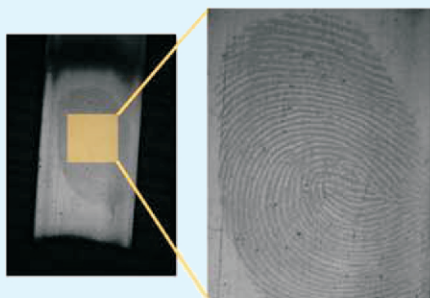
Magazine - Brochure



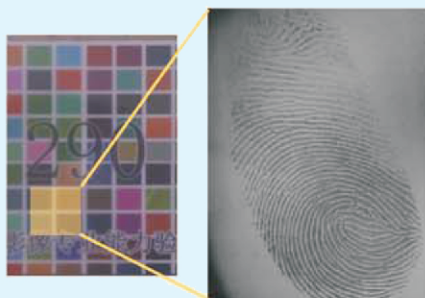
Metal - Knife



Metal - Bright Surface



Plastic - Folder (Multicolour)



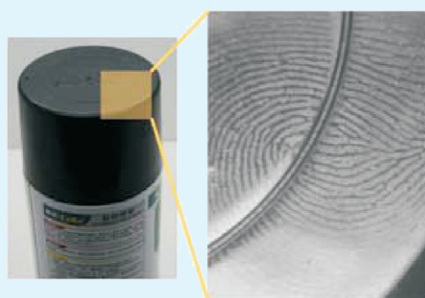
Porcelain - Marble



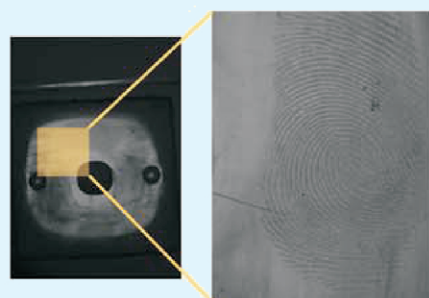
Mirror



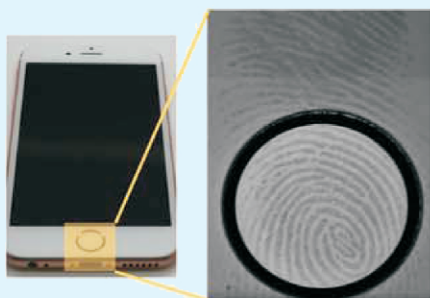
Plastic - Cover



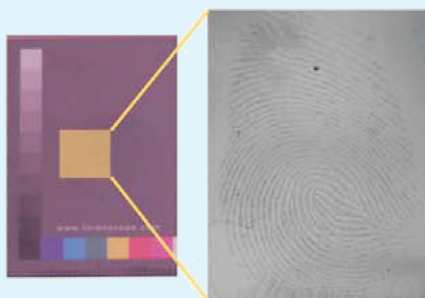
Plastic - Electric Switch



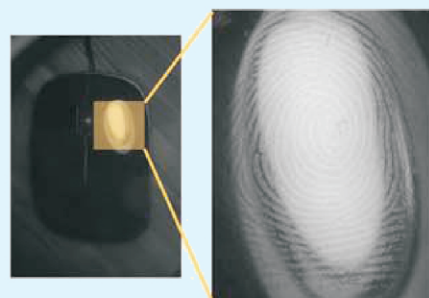
Screen - Phone - Tablet



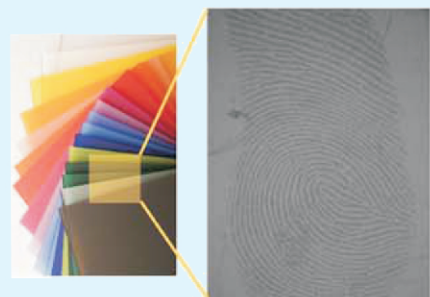
Plastic Badge (Multicolour Bg)



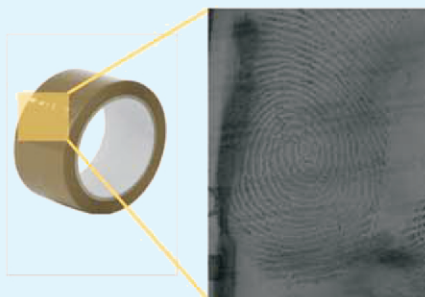
Mouse



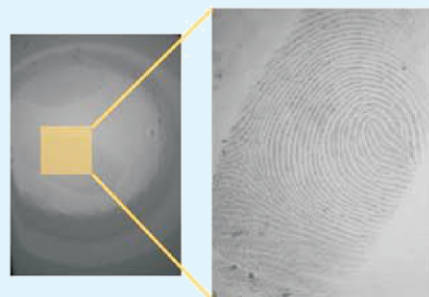
Plastic Acrylic (Multicolour Bg)



Tape (Sticky Side)



Fience



VSC[®] 8000/HS

for document examination

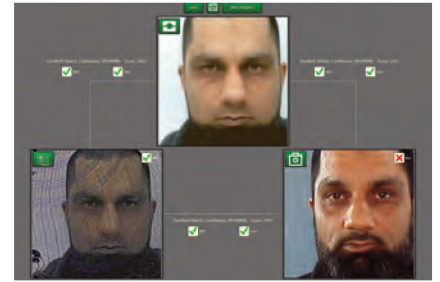
VSC[®] 8000/HS APPLICATIONS



Alterations & Counterfeits



Advanced Security Features



Facial Recognition

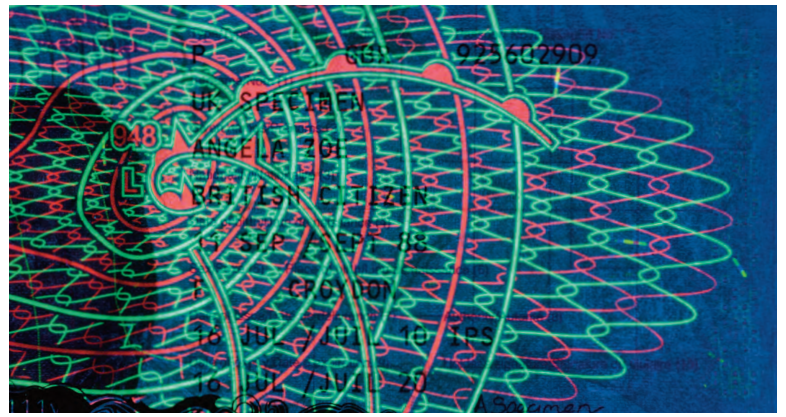
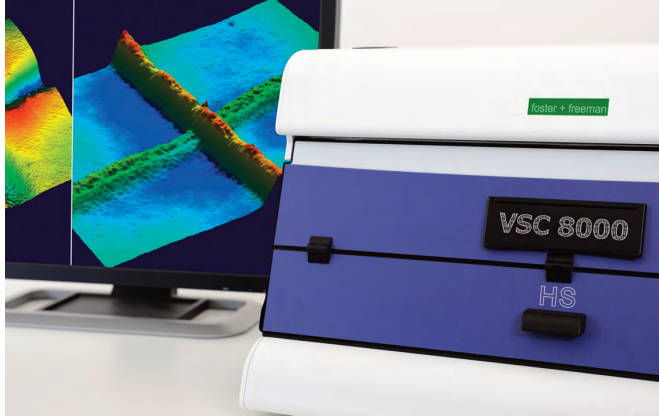


The Essential Video Spectral Comparator

Examine and Authenticate
Passports and ID Cards
Security Documents
Banknotes and Cheques

VSC[®] 8000/HS A STATE-OF-THE-ART WORKSTATION

The VSC[®]8000/HS combines sophisticated digital imaging and multi-wavelength LED technology with a clear and efficient software interface, to provide a complete solution to the examination of all forms of questioned documents.



Trusted Technology

The VSC[®]8000/HS's advanced design is foster+freeman technology at its best, trusted by immigration authorities, government agencies and forensic examiners worldwide

Reveal Detail

Using a high-precision 12MP camera in combination with dedicated examination tools to observe covert security features, confirm document authenticity, or reveal evidence of forgery.

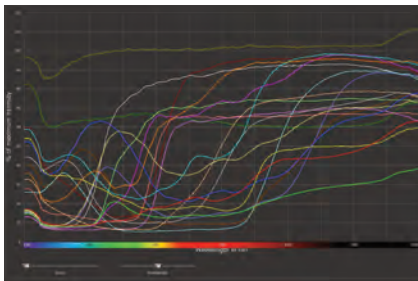
Excellent Image Quality

Using **SRI** Super Resolution Imaging, the VSC[®]8000/HS provides sharp, bright images of documents at the highest magnification.

VSC[®] 8000/HS SYSTEM FEATURES

12MP **SRI** Technology

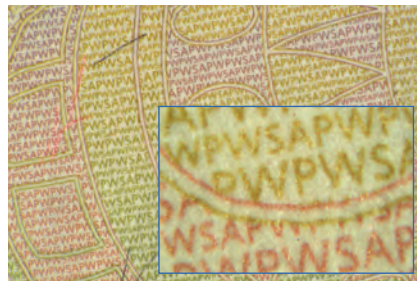
Unique to the VSC[®]8000/HS, Super Resolution Imaging (**SRI**) is an optical system providing excellent clarity and image resolution of documents captured using a high-precision 12MP camera.



Microspectrophotometer

Non-destructive spectral analysis of documents can identify differences in ink and paper formulations.

Absorption, Reflectance, Fluorescence & Transmitted spectra can be captured in real time and displayed on-screen in a simple graphical format.



250x Optical Magnification

Interrogate documents in microscopic detail using the VSC8000/HS's advanced optics technology.

Use up to 250x optical magnification (2400x digital) to scrutinise evidence of tampering and the presence of security features including microprint and taggants.



Integrated XY Stage

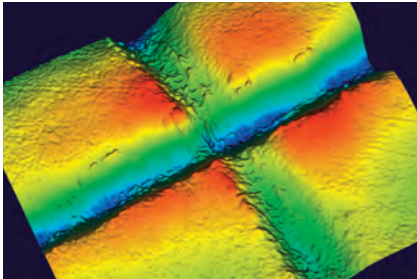
A motorised XY translation stage allows fast and precise positioning of documents at high magnification.

Smooth sub-millimetre movements are controlled via simple on-screen controls.

VSC® 8000/HS SOFTWARE

Intelligent Software

VSC® Suite is a software package that maximises the effectiveness of the VSC®8000/HS by providing the user with complete control of VSC® functions via a fluent quick-access toolbar.



3-Dimensional Imaging

Derive a 3D model of a documents surface topography in order to better analyse security features, pen-tip strokes and other impressions in paper.

Colormap, invert, and rotate images throughout 3-dimensional space to aid analysis.



Automated Examinations

Automated examination procedures greatly increase both the speed and efficiency of examinations.

Multiple images are displayed as thumbnails stored with VSC examination settings.



Calibration & diagnostics

To ensure accurate and repeatable results, the system can be calibrated using NIST traceable standards.

Simple automated diagnostics check the status of motors, light sources and filters. Requires optional VSC Calibration Tool

VSC® 8000/HS APPLICATIONS



Evidence of tampering



UV fluorescent fibres and ink



Infrared fluorescent ink stamp



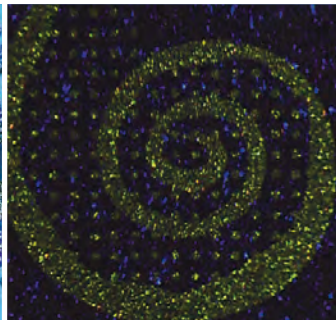
UV phosphorescent feature



Anti-Stokes security feature



OVD feature on banknote



Circular polarised feature



Oblique illumination of embossing

Multi-spectral illumination

Directional, multi-spectral light sources from UV, through the visible spectrum, to IR can reveal details that are invisible under white light, including semi-covert security features designed to respond at set wavebands.

- UV activated features
- OVDs & holograms
- Anti-Stokes features
- Retro-reflective features
- Optically variable inks
- Phosphorescent inks
- Watermarks
- Multiple laser images
- Latent images
- Birefringent features
- See-through register
- Stamps and embossing

VSC® 8000/HS ACCESSORIES

For further information on any of the accessories listed below, please see the 'VSC8000/HS Accessories' datasheet.

Document and banknote databases

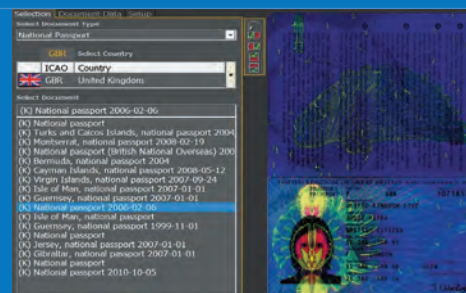
Two reference databases showing the security features found on travel documents, including passports and ID cards, and banknotes.

Banknotes database

Information and images banknotes from 184 countries

Security Documents database

Information and images of passports, ID cards and Driving Licences from 197 countries



Microscope Options

A range of high magnification imaging systems providing input into the VSC®8000/HS via a high resolution video camera. *For full details see 'VSC Microscopes' datasheet*



Nikon Microscopes

Contact Foster+Freeman to request further details



Leica Microscopes

Contact Foster+Freeman to request further details

DVM Microscope

Digital Video Microscope with UV & white light LEDs provides up to x2290 magnification

PVM Microscope

Portable Video Microscope with 3x optical zoom provides up to x249 magnification



E-Passport and ID Card Readers

A choice of stand-alone e-Passport readers that can operate independently of the VSC®.

Reader Option 1A

- OCR, MRZ, RFID & CARD reader
- Stand-alone or VSC® integrated

Reader Option 2A

- High-performance flatbed reader
- 500 DPI high resolution imaging
- Multiple wavelength illumination
- OCR, MRZ, RFID

Reader Option 3

- RFID and CARD reader with CCID interface
- USB connection to PC

Examination Accessories

VSC Facial Recognition Kit

A choice of Standard or Experts hardware for the capture and comparison of facial images. *See dedicated brochure for further details*

gemalto® Live Face Identification System

Powerful facial comparison software. Compare passport photo with e-chip and live images.

- High match accuracy
- NIST report available

Invisible Information Decoders

Software to display embedded IPI and ICI on passports and ID cards. Uses Scrambled Indicia Technology supplied under licence from Graphic Security System Corp.

Letterscreen++ Decoder

Software to display unique microtext wave detection and verification by special algorithm based on personal data in MRZ. Supplied under licence from Jura, Hungary

Document Support Weights

Set of three non-marking document weights

UV Polarised Light Viewer

UV polarised light viewer for VSC®8000 (specifically to view Swiss passports).

Magnetic Security Feature Imager

Magnetic ink profiler with USB connection.

Quartz Glass Holding Plate

200 X 200mm Quartz glass plate to hold documents flat during examination.

The **answers** you
trust, only faster



The RapidHIT ID System

Lab-quality forensic profiles in 90 minutes at the scene of crime

ThermoFisher
SCIENTIFIC



Sample in, identity out

The compact and easy-to-use Applied Biosystems™ RapidHIT™ ID System is the ideal rapid DNA platform for generating lab-quality forensic DNA profiles from reference samples and crime scene samples.

With just one minute of hands-on time, the fully automated RapidHIT ID System can generate short tandem repeat (STR) DNA profiles in the lab or in the field. Paired with Applied Biosystems™ RapidLINK™ Software, the system offers full control of DNA results with powerful sample matching, familial search, kinship, and staff elimination database applications.

Rapid DNA results in the lab or in the field

- Generates results compatible with established DNA databases
- Offers a compact design and NDIS-approved Applied Biosystems™ GlobalFiler™ Express chemistry
- Combines multiple workflows into a single step



FBI NDIS Approved Rapid DNA System*



RapidHIT ID System

Automatically performs cell lysis, amplification, and capillary electrophoresis

Sample cartridges enable a fully automated workflow

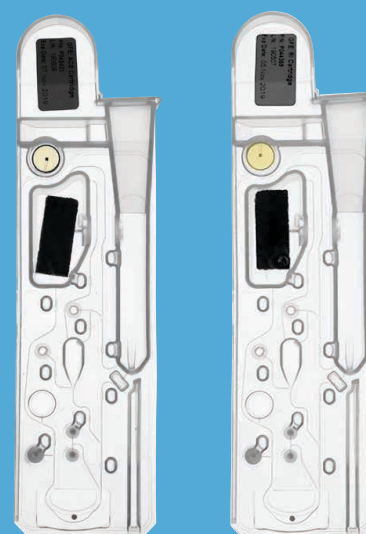
The RapidHIT ID System uses self-contained sample cartridges to transform a multicomponent protocol into a single, user-initiated task.

There are two types of sample cartridges:

- The Applied Biosystems™ RapidHIT™ ID ACE GlobalFiler™ Express Sample Cartridge (for reference samples)
- The Applied Biosystems™ RapidINTEL™ Sample Cartridge (for crime scene samples)

No matter which operator or at what site, standardized algorithms generate reproducible STR profiles within a closed system.

RapidHIT ID sample cartridges provide the ability to run samples as they are received. No more batching.



RapidHIT ID sample cartridges



Display



Control panel



AV HDMI USB RESET

Introduction:

Magic Magnifier is an user friendly, compact, lightweight magnifier powered by a Rechargeable battery source with different light sources for the document examination. The device comes with 3.0 inch high - definition TFT-LCD and 5MP camera for the perfect capturing and reading of the documents. It has an Built-in 4GB internal memory with USB connect with computer so that you can copy the images to your PC for next processing.

The forensic magnifier functions with the following light sources:

1. Top white light, side white light, Cross white light
2. UVA (365nm) UVC(254nm), Blue Light(470nm)
3. Top infrared light, side infrared light, Cross infrared light 850nm, + 940nm

Product Details and Specifications:

- Sensor: high-pixel CMOS Camera (5 Million pixels)
- Lens: low distortion infrared lens
- Built-in 4GB internal memory
- Light-filtering system: band-pass filter of visible light, high-pass filter of infrared light
- Camera function: can shoot spectrum pictures, Save JPG format
- Amplification factor: 15x, 30x
- Field ranger: 21x15 mm to by 7mm can zoom
- Display: 3.0 inch hight-definition TFT-LCD screen
- Size: 96mm (length) x 78mm (width) x 92mm (height)
- Net weight: 200g
- Power supply: DC 5V, 1000mA universal power supply adapter
- Optional components: Computer USB connector, TV, HDMI connecting line and software

Features of Magic Magnifier:

1. Document examination
2. Detection of Counterfeit currency
3. Obliteration of documents
4. Signature Analysis
5. Micro Imaging

Document examination: Forged Cheque

Using White Light + Top IR Light source



Using White Light + Side IR Light source



Using White Light + Blue Light 470nm source



Using White Light + Top IR Light source

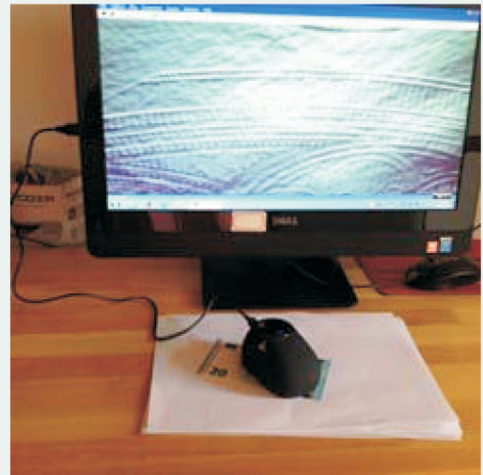


Detection of Counterfeit currency Using UV 365nm



Using UV 254nm





Introduction:

Kwick PC Mini Magic Magnifier is a user Friendly, Compact, Lightweight magnifier with different light sources for the Document Examination. It is a battery-free device which comes with an USB port & can be directly connected with computer to examine the images in the computer itself. Banknote image analysis software comes with this device for better of the documents.

The Kwick forensic magnifier functions with the following light sources:

1. Top white light, Side White Light, Cross White Light
2. UVA(365nm) UVC(254nm) Blue Light(470nm)
3. Top infrared light 850nm

Product Details and Specifications:

- View area: 12mm-9mm, 30 to 50X magnification
- Power Dissipation: 1W (Max)
- High-definition images, a greater magnification microscopy
- Express checking in different ranges of spectrum
- Both photo and video of the documents can be captured
- Connected to computer directly, plug and play
- UVA(365nm) UVC(254nm) Infrared(IR) 850nm White Blue Light(470nm)
- Net Weight: 75g
- Power: 5DCV
- Dimension: 95 x 65 x 50mm
- With image analysis and report generation software
- Full forensic examination of documents

Features of Kwick Magic Magnifier:

1. Document examination
2. Detection of Counterfeit Currency
3. Obliteration of Documents
4. Signature Analysis
5. Micro Imaging

Working Method:

The magnifier has an USB port to connect with the computer which helps to view the observed images in the computer directly. Connect the Magnifier to computer with a PC USB cable as the external device power indicator will light up.. Choose the computer desktop video software Banknotes Image Analysis. exe. Double-click to start the examination, Place the device on the top of the specimen and align the detector with the checkpoint and select the function button to start checking. Both photos and the videos of the examined documents can be taken with the help of the banknote image analysis software.

CYANOACRYLATE LABORATORY FUMING CHAMBER

KWICK
S O F T



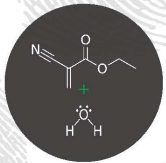
WHAT IS CYANOACRYLATE FUMING?

Cyanoacrylate fuming is a chemical method for the detection of latent fingerprints on non-porous surfaces. This is a must-have device in Finger Print Bureau since it can expose latent prints on evidence within minutes.

THE PROCESS



Place the articles of evidence into the cabinet.



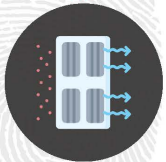
Cyanoacrylate and water vapour are circulated through the cabinet.



Post the cycle, latent prints can be found on the articles as white deposits



Cyanoacrylate fumes are defumigated and room air gets pulled into the cabinet



Now the cabinet is safe to open.

FEATURES

1

Mild steel interior with powder coating.

2

Four stainless steel hanging rods and quick-release sidewall brackets

3

Powder coated, rust proof exterior.

4

Large storage capacity - 180 litres.

5

Built-in humidifier and fuming compartment with heating plate

6

Smart, temperature controlled automated system

7

Tempered safety door 7MM acrylic sheet, also leakage proof



8

Digital screen for program parameters, with temperature and humidity control

9

HEPA filter and activated carbon Filter are included

***Image for reference purposes only.
Actual product may vary.*

MINI Z WITH ENHANCED DETECTION PANEL

EDP-MINIZ-120

The MINI Z® system with the Enhanced Detection Panel is the world's most comprehensive handheld imaging system, highlighting threats and contraband and providing unsurpassed operational flexibility. With its small form factor and single-sided imaging, the MINI Z system can scan a wide variety of targets, such as car doors and fenders; tires; furniture; packages; and the interiors of boats, vehicles, and aircraft. The MINI Z system is completely self-contained, with no required set-up and no consumables to replenish. Simply power on the device and you're ready to scan.



KEY FEATURES AND BENEFITS

- Portable Z Backscatter® imaging system
- Versatile panel offers transmission imaging for improved detection of metallic objects such as guns and knives
- Safe for operators, bystanders, and the environment

ZBV C-CLASS

MOBILE Z BACKSCATTER CARGO AND VEHICLE SCREENING SYSTEM



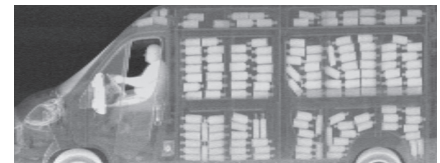
Low-cost, easy to use, and highly versatile, the ZBV® system is built into a standard delivery van and can screen vehicles, cargo containers, and other objects for threats and contraband simply by driving past them. The ZBV system's single-sided configuration and varied operating modes provide maximum maneuver ability and flexibility for multiple applications, and it can be immediately deployed in response to security threats. With easy-to-interpret imaging for rapid analysis, the ZBV system enables high-throughput screening of vehicles and cargo.

KEY FEATURES AND BENEFITS

- Backscatter imaging for photo-like images
- Easy to use
- High-throughput scanning
- Highly versatile with multiple operational modes
- Homologated for India



ZBV System Z Backscatter X-ray Images
TOP: Image shows hidden narcotics




BOTTOM: Image reveals smuggled alcohol, hidden to avoid paying duties


Body Fluid Test Kits: For Field Purpose at Crime Scene

Today's forensic experts need rapid, accurate, sensitive and not so expensive screening tool to analyze potential biological fluid stains and send them for DNA analysis. SERATEC® offers test kits for the qualitative detection of human seminal fluid, blood, menstrual blood and saliva as well as the Seraquant Reader for the quantitative analysis which is very useful for scientific officers during the crime scene investigation. Each cassette has a QR code to maintain chain of custody which can be easily tracked thus managing the movement from crime scene to court for every sample that is collected making the evidence admissible in court.

Human Seminal Fluid – PSA


	<p>Semen Test Kit for Crime Scene Purpose Crime Scene Kit Cat. No. PSM-CS/20</p> <p>Box Consists of: 20 cassettes 20 Vial buffer solutions 20 Swabs for sample collection All individually packed</p>	<p>Features</p> <ul style="list-style-type: none"> • Ready to use, robust kit; card and buffer can be stored at room temperature, no complexity in storing. • Long shelf life of 24 months from date of manufacturing • For fast and accurate readings • High Sensitivity: detects 1 ng/ml PSA or a 10⁻⁶ dilution of semen • High Specificity: cross reacts only with the seminal fluid of primates
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HUMAN BLOOD – HEM : Blood - Test Kit for Crime Scene Purpose

	<p>Hem Direct Crime Scene Kit Cat. No. HBF-CS/20</p> <p>Box Consists of: 20 Cassettes 20 Vial buffer solutions 20 Swab for sample collection All individually packed</p>	<p>Features</p> <ul style="list-style-type: none"> • Uses 2 murine monoclonal anti-human haemoglobin antibodies as active components. When haemoglobin is present, a red line will appear in the test region for a positive result. • Internal control results are a red line in the control region for a valid test. • Ready to use, robust kit; both cards and buffer can be stored at room temperature
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- Long shelf life of 24 months from manufacturing date
- For fast and accurate readings
- Very high sensitivity: detects 20 ng/ml haemoglobin or a 10⁻⁷ dilution of blood
- High specificity: cross-reactivity only with upper primate blood and ferret blood (weak); no reaction with animal blood so easy to differentiate between animal and human blood instantly.

HUMAN SALIVA- AMY

	<p>Saliva Test Kit for Crime Scene Purpose Cat. No. AMY-CS/20</p> <p>Box Consists of: 20 Cassettes 20 Vial buffer solutions 20 Swab for sample collection All individually packed</p>	<p>Features</p> <ul style="list-style-type: none"> • Ready to use, robust kit; both cards and buffer can be stored at room temperature • Long shelf life of 24 months after manufacture • For fast and accurate readings • Very Sensitive: 1: 10,000 dilution of saliva shows positive result • Specific: no reaction with animal amylase except for primates; cross-reaction observed with pan creatic amylase
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Body Fluid Test Kits: For Laboratory Purpose

Today's forensic experts need rapid, accurate, sensitive and not so expensive screening tool to analyze potential biological fluid stains and send them for DNA analysis. SERATEC[®] offers test kits for the qualitative detection of human seminal fluid, blood, menstrual blood and saliva as well as the Seraquant Reader for the quantitative analysis which is very useful for scientific officers during the crime scene investigation. Each cassette has a QR code to maintain chain of custody which can be easily tracked thus managing the movement from crime scene to court for every sample that is collected making the evidence admissible in court.

Human Seminal Fluid – PSA



Semen Test Kits for Laboratory Purpose
Laboratory Kit
Cat. No. PSM400F/40

Box Consists of:

40 cassettes individually packed
1 - Dilution buffer

Features

- Ready to use, robust kit; card and buffer can be stored at room temperature, no complexity in storing.
- Long shelf life of 24 months from date of manufacturing
- For fast and accurate readings
- High Sensitivity: detects 1 ng/ml PSA or a 10⁻⁶ dilution of semen
- High Specificity: cross reacts only with the seminal fluid of primates

HUMAN BLOOD – HEM



Blood Detection Kit for Laboratory Purpose
Laboratory Kit
Cat. No. HBF07/30

Box Consists of:

30 cassettes individually packed with
30 Dilution buffer

Features

- Uses 2 murine monoclonal anti-human haemoglobin antibodies as active components. When haemoglobin is present, a red line will appear in the test region for a positive result.
- Internal control results are a red line in the control region for a valid test.
- Ready to use, robust kit; both cards and buffer can be stored at room temperature
- Long shelf life of 24 months from manufacturing date
- For Fast and accurate reading
- Very high sensitivity: detects 20 ng/ml haemoglobin or a 10⁻⁷ dilution of blood
- High specificity: cross-reactivity only with upper primate blood and ferret blood (weak); no reaction with animal blood so easy to differentiate between animal and human blood instantly.

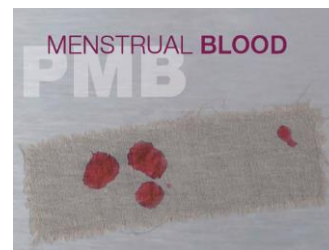
Body Fluid Test Kits: For Laboratory Purpose

MENSTRUAL BLOOD – PMB



Menstrual Blood Test Kit
For LABORATORY Purpose
Cat. No. PMB/30

Box Consists of:
30 cassettes individually packed
30 Dilution buffer



DETECTION OF MENSTRUAL BLOOD

- Fast, sensitive and reliable presumptive test for menstrual blood
- Human d-dimer as marker for menstrual blood
- Human haemoglobin as control marker for human blood
- Ready-to-use, validated kit
- Buffer and card storable at room temperature
- When menstrual blood is present, a red line will appear in the test region (M) for a positive result. The control line (P) will confirm the presence of human haemoglobin.
- Sample material remains suitable for other commonly used methods such as DNA extraction and profiling
- Long shelf life of 24 months after manufacture

HUMAN SALIVA- AMY



Saliva Test Kit Test
for LABORATORY Purpose
Cat. No. AMY/40

Box Consists of:
40 cassettes individually packed
1 Dilution buffer

- Ready to use, robust kit; both cards and buffer can be stored at room temperature
- Long shelf life of 24 months after manufacture
- For fast and accurate readings
- Very Sensitive: 1: 10,000 dilution of saliva shows positive result
- Specific: no reaction with animal amylase except for primates; cross-reaction observed with pan creatic amylase



SeraQuant Reader

The SeraQuant is an instrument for the computer based, quantitative analysis of the SERATEC® test kits and the automatic, consistent result documentation.

The colour intensity of the cassette result lines varies depending on concentration which enables a calculation of the concentration value (measurement) based on calibration curve.

With the SeraQuant, it is possible to create calibration curves for all three parameters used in Forensic Biology (PSA, Hemoglobin and alpha-Amylase) and therefore set user-specific standards of calibration and measurement quality.



KWICK
S O F T
FROM CRIME SCENE TO COURT

SoToxa™ Mobile Test System

RAPID DRUG SCREENING FOR
SAFER ROADS IS IN YOUR HANDS



PORTABLE, HANDHELD, AND CONVENIENT

The SoToxa™ Mobile Test System is a handheld analyser that provides the optimal combination of speed, ease of use, reliability, and accuracy. The analyser has been designed and developed to meet the high performance demands of law enforcement, empowering officers to take action with immediate test results.

TESTING WHERE YOU NEED IT

The SoToxa™ Mobile Test System is the ideal instrument for drug testing at the roadside. Samples can be collected anywhere without the need for gender-specific facilities. It can detect up to 6 drug classes within 5 minutes from a single oral fluid collection sample. Weighing in at under 700 grams and fitting comfortably in your hand, it is a truly portable analyser.

Designed to operate in a wide range of environments. The backlit, 3.2 inch full colour screen provides excellent visibility in daylight and at night.



HOW IT WORKS

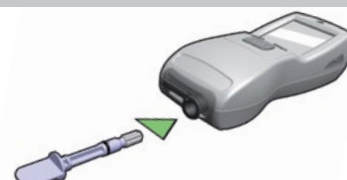
- 1 Insert test cartridge into analyser.



- 2 Collect oral fluid sample.



- 3 Insert collection device into test cartridge.



KEY FEATURES



PORTABILITY

- Handheld, lightweight, and compact.
- Carrying case stores analyser, printer, and all components; small enough to fit into motorcycle storage compartments.
- Optional car charging kit is available.



EASY TO USE

- 3-step testing process.
- Each test cartridge has a Quick Response (QR) code to reduce user error.
- The simplicity of the device minimizes user training requirements, allowing fast implementation.
- Analyser interprets and determine the test outcome, eliminating the subjectivity of visually interpreted results.



FAST RESULTS

- Collection device designed for active swabbing which speeds up collection.
- Sample collection in 60 seconds or less³.
- Volume adequacy indicator turns blue when enough sample has been collected. No timed collection.
- Results in 5 minutes.



QUALITY CONTROL

- When the analyser is turned on, start-up checks are automatically activated.
- Positive and negative quality control cartridges (PQC and NQC) check that the analyser is interpreting results correctly.
- QC testing can be enforced prior to each test: every day, week, or two weeks.
- On-board sensors monitor test progress.
- On-board heater ensures tests run at the optimal temperature, reducing variability.



DATA MANAGEMENT

- Internal storage capacity of over 10,000 tests.
- Printer is provided.
- Desktop PC software can manage downloaded data for analysis and reports.

3. Based on data from a non-drug using population.

TEST OPTIONS

DRUG CLASS	ABBREVIATION	TARGET DRUG	CUTOFF (ng/mL)
Amphetamine	AMP	(S) Amphetamine	50
Benzodiazepines	BZO	Temazepam	20
Cannabis (THC)	THC	Δ ⁹ THC	25
Cocaine metabolite	COC	Benzoyllecgonine	30
Methamphetamine	MAMP	(S) Methamphetamine	50
Opiates	OPI	Morphine	40



**ACTIONABLE TEST RESULTS FOR
6 DRUG CLASSES IN 5 MINUTES**

Identification of suspected narcotics is a critical challenge for law enforcement agencies. With the Thermo Scientific TruNarc analyzer, narcotics officers, customs, border patrol, and other law enforcement personnel can scan a sample for multiple narcotics in one single test.

Thermo Scientific TruNarc

Handheld Narcotics Identification System



Rapid Narcotics Identification

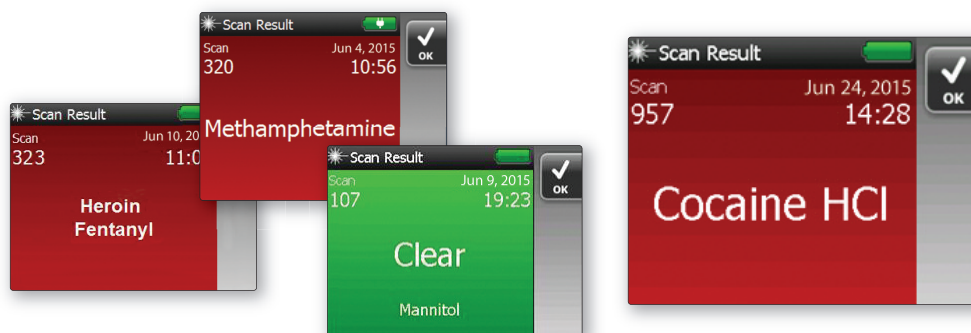
The Thermo Scientific™ TruNarc™ analyzer is a handheld Raman system for rapid identification of suspected narcotics without direct contact for most samples. A single test for multiple controlled substances provides law enforcement with clear, definitive results for presumptive identification. Lightweight and easy to use, the TruNarc device delivers fast and accurate narcotics analysis anywhere it's needed.

The TruNarc instrument easily identifies narcotics, stimulants, depressants, hallucinogens and analgesics using lab-proven Raman spectroscopy. The TruNarc device is able to analyze key drugs of abuse as well as common cutting agents, precursors and emerging threats such as cathinones (bath salts) and cannabinoids—ensuring that law enforcement personnel are always ahead of the curve.

Key Benefits:

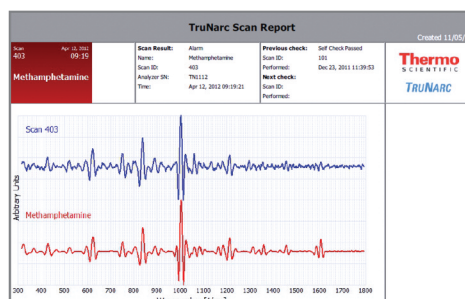
- **Fast, accurate identification** — Returns results in seconds. Based on lab-proven Raman spectroscopy.
- **Easy to use** — Intuitive menu-driven interface enables fast training and proficiency.
- **Single test, multiple narcotics** — Conduct a single analysis to determine if a narcotic is present, saving time and money.
- **Non-contact sampling** — Scan directly through plastic or glass to minimize contamination, reduce exposure and preserve evidence.
- **Automated, tamper-proof records** — Captures all scan results including time and date stamp and self check results to help expedite prosecution.





A sample of the narcotics identifiable using the TruNarc analyzer, and a clear result where no narcotics were identified.

Once a substance is analyzed, full results are automatically captured for reporting and evidence. Rapid results combined with automated reports can streamline the path to prosecution, reducing administrative burden and dramatically impacting the time and expense of drug-related arrests.



The Power of the Lab in the Palm of Your Hand

With the TruNarc instrument, the accuracy and reliability of a narcotics lab are available anywhere you go. Raman is the same underlying technology as that in the Thermo Scientific FirstDefender product line, which is in active use globally by military personnel, hazmat teams, bomb squads, and other first responders tasked with unknown chemical identification. Raman spectroscopy is a highly precise and selective optical technique and is accepted by the Scientific Working Group for the Analysis of Seized Drugs (SWGDRUG) as a Category A analytical technique.

Thermo Scientific TruNarc

Specifications	
Weight	1.25 lb (.570 kg)
Size	6.4 x 4.1 x 2.0 in. (16.26 x 10.41 x 5.10 cm)
Library	Controlled substances, cutting agents and precursors including: heroin, synthetic drugs on leaf materials or blotter paper
Configurations	Unlimited or Pay-Per-Scan
Data Export Formats	CSV, Excel® spreadsheet, SPC file, PDF
Battery	Rechargeable internal 3.7V battery pack (10 hrs.); DC wall adapter, 5V DC, 1.5A; optional car charger
Operating Temperature	14 °F to 122 °F (-10 °C to +50 °C)
Language Configurations	English, Chinese, Japanese, Polish, Russian, Spanish
Computer Administration	TruNarc Admin software connected via microUSB to USB
Reachback Support	Spectral analysis by staff chemists available
Validation	Third party test results available on request



Removing the uncertainty from chemical identification

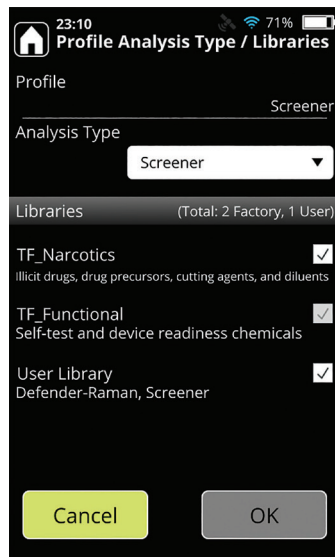
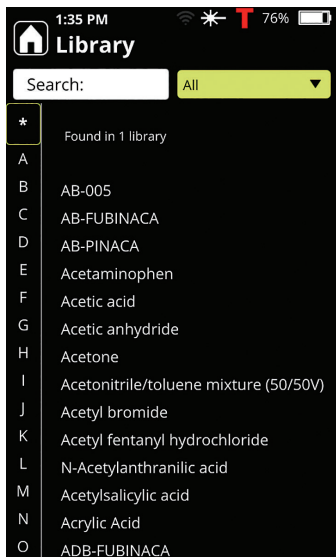
Thermo Scientific 1064Defender Raman Analyzer

Definitive answers. Maximum flexibility.

The Thermo Scientific 1064Defender Raman Analyzer provides you with a flexible tool to meet your agency's chemical identification needs. By offering user configurable scan profiles and libraries, the 1064Defender Raman Analyzer tailors itself to an officer's needs providing definitive results for confident and efficient decision making.

- **Ensure officer safety with touchless, point and shoot scanning**
 - Enhanced identification of heroin and other fluorescent materials safeguards against the hazard of exposure
 - Screener mode takes the guess work out of identifying substances by delivering results as either an alarm, warning, or clear to ensure users know what actions to take
- **User flexibility—through a customizable interface—ensures you and the instrument are always in sync**
 - 3 levels of control – administrator, operator and manager
 - 2 different scan modes for advanced users – ID and Screener modes
 - Modular and flexible – the device is future-proofed against the changing threat environment for law enforcement and the community





- **A comprehensive library of controlled substances, cutting agents, and precursors**

- User defined libraries
- Regular updates to ensure you stay current with emerging threats

- **Solid chain of custody**

- GPS and Digital Camera for time and location stamping
- Unique user ID and password – ensure your data is locked and safe
- User generated meta data
- Instrument logs – who scanned what substances and when

- **Built for the life you lead**

- Removable and rechargeable batteries
- Wi-Fi connectivity for data sharing
- Water tight – IP68 rated
- MIL-STD-810H rated
- WebUI allows for easy configuration

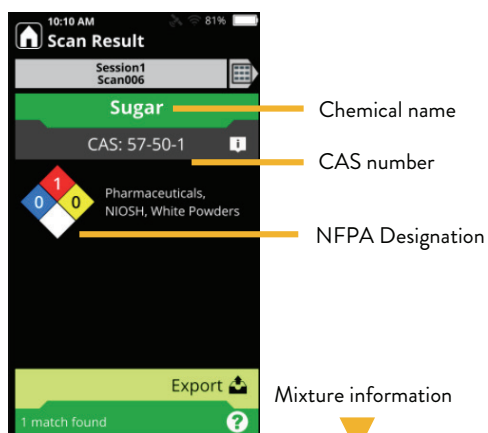


Clear and intuitive interface.

ID Mode

- Ideal for advanced users
- General characterization of chemicals
- Detailed investigatory functionality

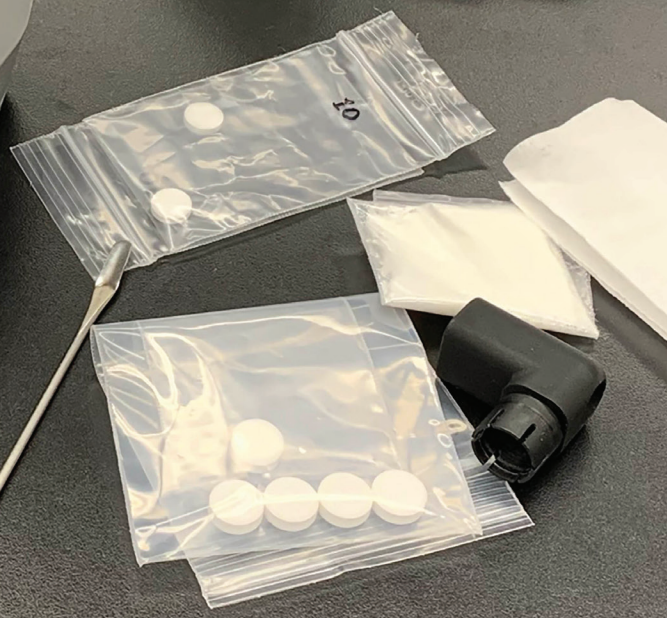
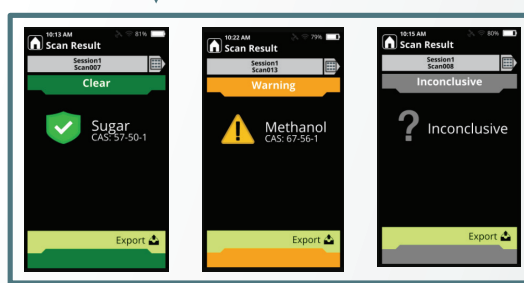
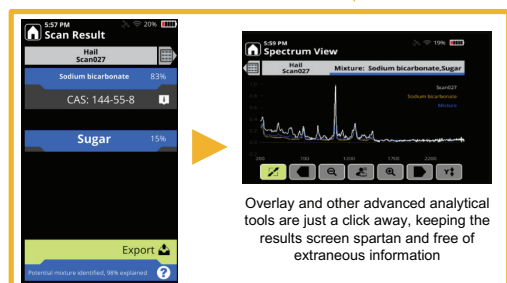
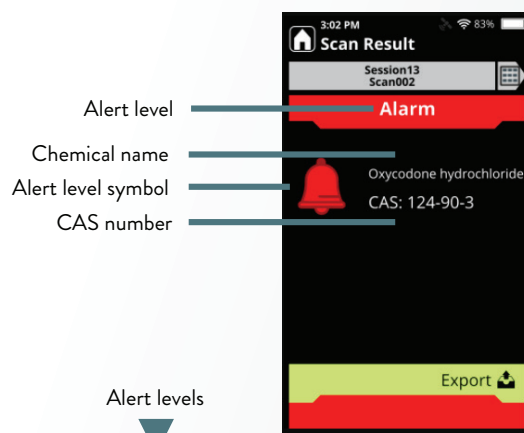
Detailed analysis of unknown chemicals



Screener Mode

- Ideal for all user levels
- Notifies users to presence of alert substance
- No interpretation needed to determine next steps

Monitor the presence of critical chemicals





**DELIVERING
INTELLIGENCE FOR
SAFEGUARDING NATIONS
UNLIKE EVER BEFORE**

WebTrail

Derive Insights from Social Networks, Encrypted Messaging Apps, Surface & Dark Web

Collection and analysis of open source data is complex

Open-source platforms such as social networking sites, blogs, encrypted messaging apps and dark web are used to communicate anonymously, execute illicit activities and spread negative public sentiments. Investigators need a solution that can help them identify anti-social activities and propaganda against the government and national interest, to further the agenda of public safety.

A massive amount of data is scattered across various open source platforms such as RSS feeds, Web 2.0, social websites and the dark web. Agencies struggle to identify and extract relevant case specific information from these sources. They need to access multiple investigation tools and often fail to sift through & connect the dots across volumes of text, images, videos, embedded languages and formats to identify potential threats.



Analyze Data over Social Media

Explore keywords/hashtags of interest, user profiles, activity timelines, Twitter top trends, geo search and hashtag creator to monitor suspicious activities on social media platforms such as Twitter, Facebook, Instagram, YouTube, Reddit and Tumblr.



Analyse Encrypted Messaging Apps

Derive critical insights from encrypted messaging apps such as WhatsApp and Telegram. Get insights from various groups/channels/chats and perform link analysis, keyword-based searching, identify common contacts, viral messages, top trends, top active groups/channels/users, etc.



Analyse Dark Web and Cryptocurrency

WebTrail is integrated with various dark web search engines to detect suspicious activities. It provides support for onion websites and categorizes the dark web domains for further analysis. WebTrail further helps in identification of the cryptocurrency wallet balance and transactions.



Data Visualization

WebTrail has an intuitive interface for analysis of collected information in a non-linear way using variety of tools such as visual analytics, machine learning, formula expression, text and image analytics. etc. It has context-sensitive data exploration which discovers context based on the type of data, entity, place and a combination of selection and displays relevant operations.

It provides coordinated visualization such that selection of one of the elements in a visualization, results in filtering or highlighting of corresponding data in all the other visualizations.



Automation

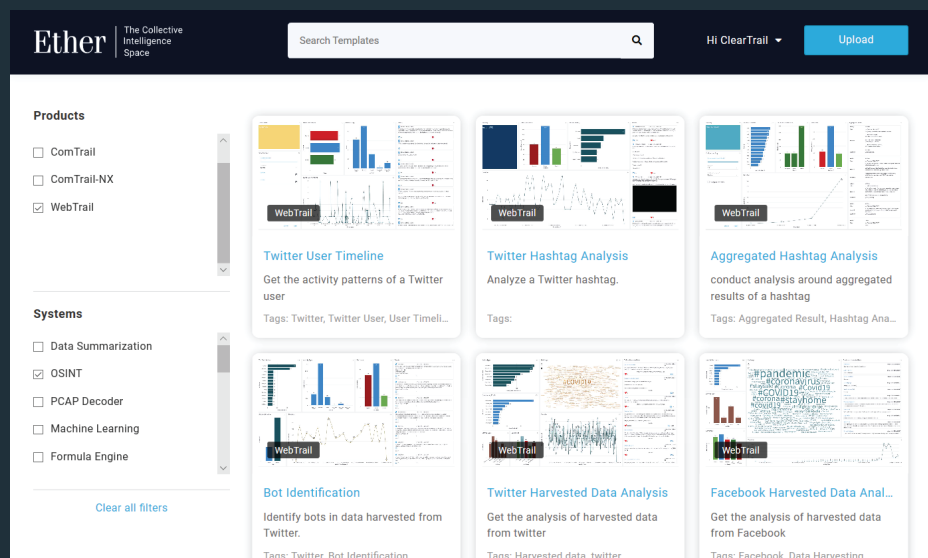
WebTrail has multiple mechanisms to automate the entire data analysis process and notification cycle. Scheduled jobs can automatically track key indicators in the incoming data.

Explorations can be executed and refreshed with new data at pre-defined intervals. Users can configure alerts on specific attributes and associate actions with them. These actions can be UI notification, email generation, reports, exploration execution, etc.



Publishing & Storyboarding

Publishing enables users to share their data exploration with other members of the team. In the shared exploration, other users can perform activities such as page navigation, view full-screen charts, highlighting & filtering. Exploration can be shared as read-only. It also provides row level filtering to remove sensitive information. Storyboarding is a mechanism that helps audience to understand the data analysis journey. It depicts important observations and milestones in the form of stories, which are sequences of visualizations and narrations. Stories are dynamic, that is, visualizations are updated with the latest state of the data.



Sharing & Collaboration

WebTrail facilitates users to work in a collaborative environment wherein they can solve cases rapidly, share data analysis journey, observations & outcomes with the stakeholders.



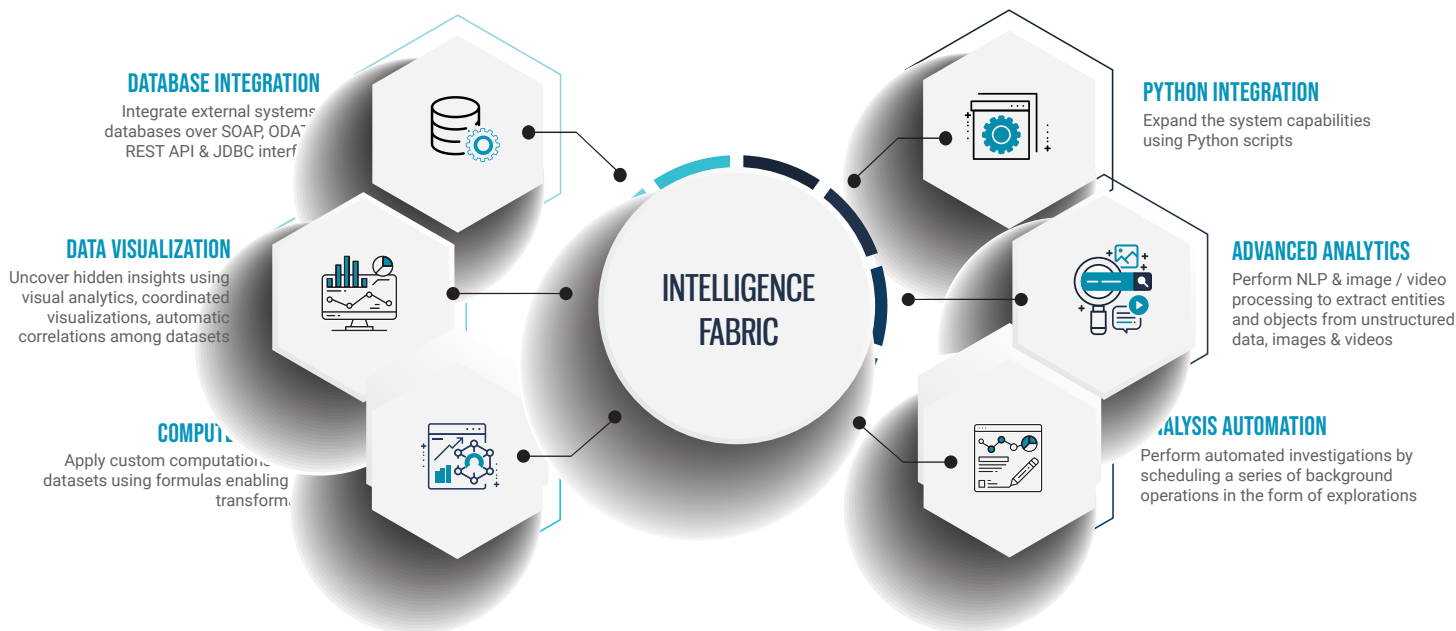
Text, Image & Video Analytics

WebTrail has native support for Text, Image & Video Analytics. Using advance algorithms, it provides entity extraction, custom entity extraction, phrase extraction, sentiment analysis and unsupervised clustering on unstructured text data. Similarly on images, it provides object detection, skin percentage detection, approximate age detection & OCR. On video, it can perform object detection.



Reporting

Users can generate PDF report of the data exploration(s). PDF report has the visualizations and data present in all/selected pages of the exploration. Reports can be scheduled to be generated at specified intervals or on a specific event trigger.



Lawful Interception

MONITORING CENTER.
REIMAGINED.

Introducing ComTrail

Monitoring Center to combat modern communication challenges

ComTrail is the next generation monitoring center that enables investigators to rapidly analyze intercepted targeted Voice & IP traffic in a non-linear way using a combination of graphical tools, data mining frameworks & machine learning algorithms. Its modular architecture facilitates seamless integration of multiple systems, data sources & tools on a single interface. This empowers Investigators to "connect dots" across multiple systems & data sources to identify suspicious behavior, uncovers hidden connection between entities, find hidden leads, profile objects of interest & makes rapid detection to take actions.

Capabilities of ComTrail

01

Acquire & Decode Voice & IP Communication

ComTrail interfaces with the mediation device to acquire & decode ETSI compliant Voice & IP traffic over H12 & H13 interfaces. Voice Decoding Engine provides decoding & reconstruction of 2G, 3G, 4G & PSTN traffic. IP Decoding Engine provides metadata extraction & decoding for a wide range of encrypted & non-encrypted IP protocols. It uses proprietary machine learning algorithms to identify communication events from encrypted & unknown datasets.

02

Integrate Data, Systems & Tools to Enrich Intelligence

ComTrail has a sustainable & modular architecture that seamlessly integrates tactical systems, data (such as forensics data, external databases, surveillance data) & analytical tools (such as voice transcription & speaker identification) on a single interface to leverage their collaborative strength. Investigators can connect the dots across multiple data sources using advanced analytical & data mining tools to create a holistic view of person of interest.

03

Analyze Suspect's Behavior

Adapting to the reality of today's encrypted communication world, ComTrail enables investigators to derive actionable intelligence from IP metadata traffic. It reveals the suspect's communication patterns such as applications accessed, domains browsed, devices used, messaging apps chats & call events. Investigators can rapidly analyze a large number of voice calls without listening to them, but by using a combination of voice-to-text transcription & text analytics.



Maltego for Cyber Security Operations

Accelerate complex SOC investigations from hours to minutes.

Reduce Your Cyber Risk with Maltego

Maltego is a graphical link analysis software with data mining and mapping capabilities that can help improve and speed up a multitude of tasks within the SOC team, from monitoring to evidence gathering, and from alert investigation to identification of the source of threats endangering an organization.

With its integration and data ingestion capabilities, Maltego is the user interface where all the data and intelligence needed for complex investigations can be made readily available and queryable, effectively enhancing the analyst's ability to contextualize and analyze events while reducing tool fatigue and time spent on tool alternation.

By adding Maltego to their toolkit, cyber analysts and security operations centers alike can move away from simply implementing basic detection and focus their efforts on the investigation and remediation of severe incidents, directly enhancing the value their SOC provides towards maintaining their organization's cybersecurity posture.

Streamline Security Operations and Cyber Investigations with Maltego: Remediate Complex Threats Faster

Maltego helps streamline the complete security operation life cycle by helping analysts during determination of use cases for monitoring systems, incident confirmation with rapid response data, data enrichment with threat intelligence, threat monitoring, and threat hunting.

Improve Detection Rules and Reduce False Positive Alerts Maltego can help the SOC team better discern between important and ordinary events to tackle alert fatigue. To this end, Level 1 analysts and SOC engineers can use the insights provided by Maltego to tune their security systems. For instance, by periodically running network footprints with Maltego Machines, they will be able to evaluate their current attack surface and build use cases into their systems when reviewing their rules and alert configurations. This will in turn result in the improvement of alert legitimization and reduction of redundant and false positive alerts, as well as the elimination of blind spots in the organization's security.

Increase SOC Efficiency and Effectiveness by Improving and Developing new Playbooks

While SOAR solutions enable SOC teams to highly automate and streamline time-consuming workflows for a variety of use cases, their successful implementation requires the team to have clearly defined manual processes after which playbooks can be modeled. Thanks to its data mapping capabilities, Maltego can help SOC Engineers charged with developing/updating playbooks with the validation of their use cases before implementation. Additionally, Maltego can be integrated into a playbook's workflow when human intelligence and decision-making instead of automation are required for further analysis of complex cases.

Integrate Maltego into your Existing Workflows and Reduce Incident Response Time

Maltego enables Level 2 analysts and incident responders to perform more efficient evaluations on the scope and severity of incidents thus allowing them to focus their valuable time on remediation. Thanks to its data ingestion capabilities, Maltego can become the one platform where the enrichment, contextualization, and human analysis of complex alerts takes place, thus contributing to the reduction of tool fatigue.

Mine and ingest data

from various sources such as threat intelligence providers, internal SIEM data, OSINT, and other internal logs, systems, and data repositories.

Merge link, and enrich data relationships

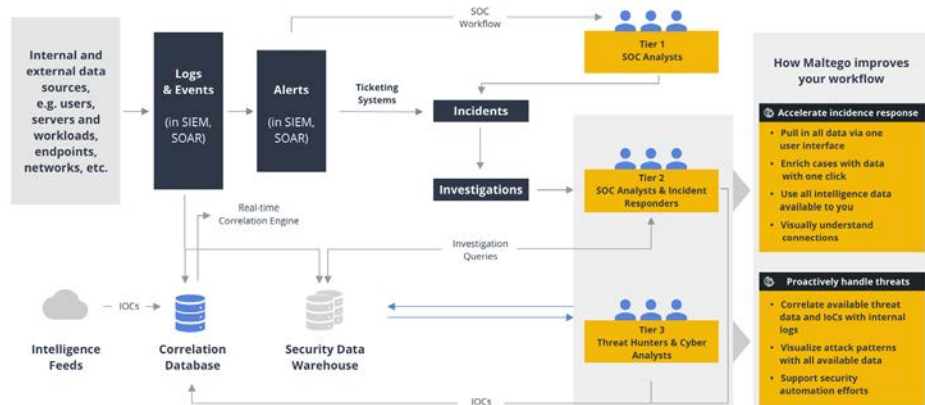
on a graph automatically and collaborate in real-time with team members.

Map and explore relationships and patterns

in your data using different visual layouts and export findings for reporting and documentation

Features	Benefits
Link Analysis	Discover hidden relationships, patterns, and clusters within your data with an intuitive visual analysis interface
Collaboration	Share encrypted graphs and insights with access authentication with your teams and organizations
Automation	Automate standardized investigative processes and re-allocate analyst time from data gathering to data analysis
Stealth Mode	Conduct investigations anonymously and safely without risk of exposing analyst's identity to malicious targets
Export	Share list of IOCs with other teams to easily adjust security rules or update security devices.
Reporting	Generate detailed reports with one click for incident reporting, use case documentation, and playbook improvement

Additionally, with its out-of-the-box integrations and easy-to-implement data integration model, Maltego facilitates the analysts' exposure to a wider array of OSINT sources, threat feeds, and intel providers in order to broaden their expertise and effectiveness.



Contextualize Root Causes of Threats and Identify Unknown Security Gaps

Maltego allows threat intelligence analysts and threat hunters to conduct more effective investigations of anomalies and evidence left in the organization's network by stealthy threat actors. With its data mapping and visualization capabilities, analysts may be able use Maltego to find digital artifacts that other automated tools implemented within the SOC have missed thus far. They will also be able to perform deep dives into datasets internal and external to the organization in order to explore what happens during and after attacks and build up a landscape of potential attacks with insights that can support the rest of the SOC team.

Data at Your Fingertips: Seamlessly Integrate Disparate Data into One Interface



Simplify and expedite your investigation by seamlessly integrating your preferred SIEM, threat intelligence provider or internal ticketing systems into Maltego.

Maltego provides enterprise-grade cloud and on-premise deployment as well as options for custom data integrations, in-person trainings, and expert support. Deploy your Maltego solution in a performant way that is also compliant with the needs and privacy guidelines of your organizations.

Download Maltego for free now or schedule a personalized demo with our Maltego experts to learn how Maltego increases the speed and precision of complex SOC investigations.



Make it your own:

The Maltego Solution Customized for Your Needs



Maltego Desktop Client



Data Integration



Deployment & Infrastructure



Support & Services



Learning & Training



About Maltego

Maltego empowers investigators worldwide to speed up and increase the precision of their investigations through easy data integration in a single interface, aided by powerful visualization and collaborative capabilities to quickly zero in on relevant information. Maltego is a proven tool that has empowered over one million investigations worldwide since its first launch in 2008. Due to its wide range of possible use cases ranging from threat intelligence to fraud investigations, Maltego is used by a broad audience, from security professionals and pen testers to forensic investigators, investigative journalists, and market researchers.

Learn more about how we can empower your investigations on <https://www.maltego.com>

Maltego for Cybercriminal Investigations



"At the German Federal Criminal Police Office, we started using Maltego in 2016 and have kept adding more seats ever since. We consider Maltego as an indispensable tool to fight crime for the new generation of policemen."

Mirko Manske

German Federal Criminal Police Office (Bundeskriminalamt)

Maltego Accelerates Data-to-Decision Times on Complex Cyber Investigations

Law enforcement agents must often gather, analyze, and correlate large volumes of disparate data to obtain actionable intelligence for their investigations. As an intuitive graphical link analysis software with data mining capabilities, Maltego can help law enforcement transform and speed up their crime analysis workflows from hours to minutes.

 Social Media	 Cryptocurrencies	 Darkweb
Map the social media footprint of a person of interest across different services, and quickly find evidence and new leads for your investigations	Track the movement of cryptocurrencies across the blockchain and perform follow-the-money investigations faster and easier	Monitor the chatter around specific topics in the cybercriminal underground, or track specific threat actors across different forums and channels

Simplify and Expedite the Analysis of Disparate Data with a Fully Integrated Analysis Platform

Maltego provides secure, out-of-the-box integrations with over sixty of the most prominent vendors and data sources via the Transform Hub. And, with the new Maltego Data Bundles, we have streamlined data procurement and access, so you can hit the ground running faster!

			
			
			
		...and more	

Break down Complex Investigations into Easy-to-Understand Graphs

Annotate and bookmark Entities to keep track of findings. Use the different Layouts and Viewlets to help analysts identify patterns and uncover critical pieces of data. Configure new Viewlets to fit your needs or develop custom Machines to automate your investigative workflows. Write custom data and tool integrations to further improve your data-to-decision times



Carry out Covert Investigations and Query Data from Live Online Sources Without Leaving Traces Behind

Maltego provides enterprise-grade cloud and on-premise deployment to comply in a performant way with the needs and privacy guidelines of your organization.



By adding Maltego to your toolkit, you can reduce time spent on the discovery and analysis phases of investigations and focus on documentation and prosecution.

Download Maltego for free or **schedule a personalized demo** with our Maltego experts to learn how Maltego increases the speed and precision of complex Person of Interest investigations.



About Maltego

Maltego empowers investigators worldwide to speed up and increase the precision of their investigations through easy data integration in a single interface, aided by powerful visualization and collaborative capabilities to quickly zero in on relevant information. Maltego is a proven tool that has empowered over one million investigations worldwide since its first launch in 2008. Due to its wide range of possible use cases ranging from threat intelligence to fraud investigations, Maltego is used by a broad audience, from security professionals and pen testers to forensic investigators, investigative journalists, and market researchers.

Learn more about how we can empower your investigations on <https://www.maltego.com>



FUND TRAIL SOLUTION



What We Do

Audit Scrutiny, Investigation of NPAs,
Investigation of Financial Crime, Due Diligence
for Investors, Prevention of Tax Evasion

Data Sources

Big Data from private domain, obtained by investigator,
supports varied formats
Bank Statements Company Ledger (optional)
Financial Statements (optional)

Investigation Process

- Investigator uploads data
- System automatically analyzes and generates all reports
- Link analysis for deep dive investigation (optional)
- Dash-Board to discover hidden patterns by slicing and

Auto Analytics Powered by Technology

- Big Data
- Machine Learning
- Artificial Intelligence
- Interactive Graphical Engine

Security

- All files accessed only by system
- Complete secure communications
- No data accessible outside system

Value Proposition

- Reduce analysis period from 16-man weeks to 1 day
- Outstanding accuracy and consistency
- Eliminates tedious manual process
- Total automation helps officers handle many cases

Comprehensive Reports, Automatically Generated

Major Deviations Report



Overview of case showcasing areas of concern for further investigation

Fund Flow Report



Summary of Total Funds in and out for each party

Link Analysis/Hierarchy Graph



Visualization of flow of funds and (relationship associated, etc.) between all parties

FIFO and Layering Reports



Analysis of how deposits/loans are used and disbursed

Proximity Transaction Report



Identification of deposits and withdrawals of similar amounts within a short period of time

Non-bank Parties Fund Flow Report



Entities who are both receiving and sending funds to main party and transaction details

Circular Transaction Report



Trail of all the transactions routed among various entities

Related Party Transaction Reports



Report of all transactions in and out amongst related parties

Bank Matching & Reconciliation Report



Reconciliation between ledger and bank statement along with detailed comparison of transactions

Financial Analysis Report (Annual Report Ratios)



Computing 42 ratios (profitability liquidity, leverage etc.) highlighting company's financial health

Trend Analysis Report



Identification of various trends in transaction behaviours on a monthly basis

Dashboards



Customizable graphs and charts enabling analysts to discover hidden patterns and make sense of data deep-dive or drilldown by slicing and

Additional Reports



- Cross country transactions report
- Cash withdrawals/deposits above threshold
- Month end cash deposits
- Payments to unrelated (new) entities
- Statistical Analysis Reports (Benford's Law, Z Score, RSF, etc)
- Holiday Transaction Report
- Settlement Transaction Report
- Data Security Log Report



FUND TRAIL PERFORMANCE HIGHLIGHTS



Over 2 million transactions analyzed in 4 hours

.....



Reconciled 500k transactions in 1 hour

.....



Reduced analytics time by 95%

.....



Analysed utilisation of INR 8000 cr

.....



Bank statements loaded in minutes 500

.....



Traced flow of funds amongst 600 entities

Use Cases

NPAs

- Trace flow of funds across multiple layers
 - Identify end utilisation of loan funds
 - Validate quantum of capital from shareholder deposits, sales, loans
 - Identify diversion of funds to related parties, directors, shell companies
-

Embezzlement

- Identify how funds were siphoned
 - Trace funds through multiple layers
 - Identify utilisation of misappropriated funds
-

Ponzi Schemes

- Trace depositors and amounts deposited
 - Identify funds repaid to investors
 - Evaluate utilisation of funds
 - Trace siphoning of funds and identify illicit assets procured
-

Insolvency Proceedings

- Reveal irregularities in corporate transactions
 - Discover possible diversion of funds
 - Identify instances of transactions with related parties
 - Evaluate fund utilisation and trace hidden assets
 - Report several other irregularities
- ured
-

Funding of Terrorism

- Trace depositors across multiple layers
- Identify shell companies used to route funds
- Discover true source of funds

NANO

YOUR FORENSIC ANALYTICS WITH 100% ASSURANCE!



DESIGNED FOR FORENSIC PROFESSIONALS FOR ON SITE ACQUISITION, EXAMINATION, CLONING, IMAGING, WIPING AND DATA RECOVERY

NANO	2 VARIANTS (AMD & INTEL)
Weight/Dimentation	2.6 KG/12.5 x 10.1 x 6 inches Rugged/Light Weight/Ip67 when closed
CPU	AMD or Intel
AMD Ryzen CPU V1202B	# of CPU Cores 2 # of Threads 4 CPU Base Freq: 2.3GHz CPU Max Freq: Up to 3.2GHz
Intel i5 7TH Generation	# of CPU Cores 2
Kaby Lake	# OF Thread 4 CPU Base Freq: 2.60 GHz CPU Max Freq: 3.50 GHz
Ram	32 GB
Storage	1 TB NVME
Sata Port	2 x Sata Port Gen 3.0
Lan	1 x GbE Lan (RJ 45)
USB	2 USB 3.1
Display	7" Touch Display 1024 x 600
Operating System	Windows 10 Pro 64 bit
Bluetooth	Dongle
Wifi	Dongle
Write Blocker	1x Sata / IDE Write Blocker
Accessory Kit	2 Sata Extension cable/1 Keyboard with Touch Pad
Usage	Drive Imaging/Drive Cloning/Drive Wiping Data recovery/Mobile Acquisition
Power Supply	Adapter: AC Input 100V-240V Output DC 12.0V---5A
Carry Case	Yes



Indigenously Designed & Made in India

FIELD FORENSIC PRO

KWICK
S O F T

YOUR FORENSIC ANALYTICS WITH 100% ASSURANCE!



DESIGNED FOR FORENSIC PROFESSIONALS FOR ON SITE ACQUISITION, EXAMINATION, CLONING, IMAGING, WIPING AND DATA RECOVERY

FIELD FORENSIC UNIT (FFU)	AMD RYZEN
FFU Weight	12.0 KG approx.
Accessory case	3.0 KG
CPU	Indigenously designed and made in India 1. Rugged 2. Compact 3. High-end processing power 4. Multi drive support 5. Ip67 when closed 6. Carbon fibre top panel 7. Easy to carry
Utility & Features	Onsite / Offsite usage 1. Forensic Acquisition of Storage Device 2. Forensic Acquisition of Mobile 3. Analysis and examination of acquired data 4. Multi drive imaging 5. Multi drive cloning 6. Multi drive wiping 7. Data recovery 8. Video conferencing
Dimension	19.9 x 16.1 x 10.1
CPU	AMD
Processor Specification	AMD Ryzen 7 3800x # of CPU Cores 8 # of Threads 16 CPU Base Freq: 3.9 GHz CPU Max Freq: 4.5 GHz Total L1 Cache: 512 KB Total L2 Cache 4 MB Total L3 Cache: 32 MB CPU Socket Am4
Motherboard chipset	AMD B550
Memory	64 GB DDR4 Dual Channel – Non Ecc
Storage Drive	2 TB NVME Gen 4
Storage Expandable*	2 TB NVME Optional * Gen 3
Sata Port	On carbon fibre top panel 4 x Sata 3.0 hot swap
USB	On carbon fibre top panel 3 x USB 3.2 (1x Gen 2, 2 x Gen2 Type A) 1 x USB 3.2 (Gen 2 C type)
Display	Via HDMI cable



Display Specification	15.6" IPS Touch Display 10 Points Touch Toughened Glass Capacitive High Dynamic Range (HDR) 10000 mAh internal Battery for display Full HD 1920 x 1080 Built-in Speaker
Display card	Nvidia GT 720 or Similar with 2 GB ram
Network	1 x 2.5 G RJ45
Wifi	Wi-Fi 6, delivering speed up to 2400 Mbps
Bluetooth	5.1
Power supply	600 watt or Higher (Gold rating)
Accessory Kit	1x Unique ip67 Power cable to prevent mishandle. 1x Keyboard with touch pad. 1x Power Extension. 4 SATA Cable to connect drives. 1x Multi Card reader. 1x 4 TB USB hard disk. 1x 64 GB USB pen drive. 1x 128 GB USB pen Drive. 1x CAT 6 Patch cable. 1x USB Autofocus Business Webcam with built-in mic: stereo, Mega pixel: 3, Resolution: 1080/30fps, Diagonal Field of View: 90 Degree 2x USB C to A converter
Operating System	Windows 10 Professional 64 Bit
Write Blocker	PCIe USB 3.0 PCIe SATA/IDE SAS PCIe Card SSD Adapter, M.2 PCIe SSD Adapter, Apple SSD 2013-2016 Adapter, U.2 PCIE SSD Adapter, Apple SSD 2016+ Adapter, PCIE-4 Pigtail Cable. mSATA/m.2 SATA SSD Adapter USB Media Card Reader SATA Signal Cable, Unified SAS Cable, SATA to 3M Drive Power Cable, IDE Cable, Molex Drive Power Cable, USB 3.0 A to B Cable (x2), Power Supply with A/C Power Cord (x2)

Indigenously Designed & Made in India

Process

First Step -Down Load the app on your smart mobile, fill required information on mobile and submit, once authenticated by the administrator start using the app at crime scenes

- Investigation Officer/Experts Identifies & Collects Physical Evidences from Crime Scene
- Capture Evidence using mobile camera.
- Io's can Digitally fill the form on the Mobile and also write assumptions/presumptive report on package
- Generate unique QR Code through the mobile app
- Take printout for every evidence separately using recommended printer, paste QR Code on each package,
- Seal the package by pasting VOID Tape carefully
- Pack all Evidence into a Master Box, capture image, generate QR code, paste, send to concerned Police Stations for further process of evidences



How QR Code sends data to a server

- Each time a QR Code is generated the data such as date, time and location is sent to server which is tamper proof.
- The printer that we recommend comes with pre loaded software matching with our app.

Features

- Photograph the crime scene, this is to record the latitude and longitude of the crime scene
- The concerned higher officials can keep a track on movement of evidences from point to point.
- Each sealed evidence if manipulated or opened can be traced where it was opened
- The court, police can access the server and get to know all the evidences that were captured from crime scene anytime anywhere.



Tamper Proof



- The app is 100% tamper proof.
- The data can be stored in dedicated police department's server or cloud.
- The captured data is encrypted so that others cannot open without our decryption software.
- The administrator to the app is to be appointed by the department enable to authorize the users of the app.

KWICK

CrimeSim

Interactive 3D Software Simulator for Crime Scene Management Training & Proficiency Testing

Developed by Kwick Soft Solutions Pvt. Ltd., Chennai
in association with
Directorate of Forensic Science Services, New Delhi and
Andhra Pradesh Police Academy, Hyderabad.

Kwick CrimeSim is an Interactive 3D Simulator Software for Crime Scene Management Training and Proficiency Testing. This 3D Simulator imparts cutting edge technology to provide training to police trainees in the best practices to be adopted in the Process of Pre-Collection, Collection and Post-Collection of evidence from 10 different crime scenes.

Using the In-built Proficiency Testing Module, the administrator could assess the trainees of their understanding to follow the crime investigation using the scientific methods and the correct tools. Kwick CrimeSim provides hands on experience to the police personnel to identify, collect and package the evidences professionally. This step by step training process on Crime Investigation helps in solving the case faster and also in the judiciary process.

The training software has 10 different modules depicting different animated crime scenarios thus the process of mock-up scene could be avoided during the training. This helps reduce operational cost and also gives in-depth knowledge on managing the crime scene.

An Advanced feature in the Simulator is the availability of Blank scenes like Apartment, Classroom, Commercial Complex, Godown, Hostel, Landscape, Lodge, Office, Service Apartment, Theatre and Village scenes, in which the Administrator can create a scene of crime by placing any of the existing evidences anywhere in these scenes by just dragging and dropping them. The Trainee can then be checked and evaluated in the Proficiency Testing Mode and graded accordingly.

The Interactive 3D Animated Software Simulator is to be installed in each computer to provide one to one training to the trainee for better understanding

HIGHLIGHTS :

- ▶ Check List for tools to be carried to the scene of crime
- ▶ A Comprehensive list of Scientific Investigation Tool Kits
- ▶ A Brief Story Board for each scene of crime
- ▶ A Two Minutes Walk-Through of the scene of crime
- ▶ Complete List of Collection and Detection tools, Storage Kits and Sealing Tapes
- ▶ Step by step process with instructions on identification and collection of evidence with the importance of its necessity
- ▶ For easy understanding of each step - Voice Over in Bi-lingual options - Hindi and English and Text in English are available

Features :

- ▶ Interactive 3D Animated Training Simulator
- ▶ Easy to train Police Personnel without having to spend on expensive and time consuming mock up of scenes
- ▶ Retention of process will be for life long in the trainees mind
- ▶ Highlights Scientific Principles and Techniques in Forensic Science to trainees
- ▶ Has Scientific basis for evaluating the skill-sets of the trainees
- ▶ Reinforces proper techniques and applications in the evaluation of Crime Scene Evidence
- ▶ Enhances the investigation skills of Investigating Officers
- ▶ Training provided for over 180 Evidences
- ▶ Proficiency Test to evaluate and grade the Trainees within a stipulated time



Crime Scenes :

- ▶ Rape (DNA and Serology)
- ▶ Burglary - (Physics)
- ▶ Narcotics and Toxicology
- ▶ Adulteration - (Chemistry)
- ▶ Murder (Biology and Biomedical)
- ▶ Shooting Incident (Ballistics)
- ▶ Computer Forensics and Documents
- ▶ Bombs and Explosives
- ▶ Homicide Offence - Hanging
- ▶ Homicide Offence - Burning

Existing Clients :

Central Government

SVP National Police Academy
Bureau of Police Research and Development
Central Detective Training Schools
Central Bureau of Investigation
National Crime Record Bureau
National Investigation Agency
National Industrial Security Academy - CISF

State Government

Andhra Pradesh Police Academy, Hyderabad
Biju Patnaik State Police Academy, Orissa
Gujarat Police Academy, Ahmedabad
Haryana Police Academy, Madhuban
Karnataka Police Academy, Mysore
Maharashtra Police Academy, Nasik
Tamil Nadu Police Academy, Chennai
Police Training College Gulbarga
Police Training College Junagadh
Police Training School, Vadodara
Madhya Pradesh Police Training Schools
- Indore, Tigr, Pechmari, Umaria, Sagar, Rewa
State Crime Record Bureau, Haryana



Minimum System Requirement :

Pentium 4, 1 GB RAM	800 x 600 Resolution Monitor
5 GB Free Hard Disk Space	Graphics Card with 1 GB
DVD Drive Access	Windows XP, Vista, 7, 8

Feedback & Response from the Users :

Trainers

Kwick CrimeSim is very useful for our training institute as each trainees get to know the process of CSI using Scientific Tools and Methods which was earlier not there

A Survey was done by us from the places we have installed our training software simulator and the response from the trainees is as follows

- ▶ Highly Informative
- ▶ Excels In preparing the Presence of Mind during Crime Investigation
- ▶ Can handle any complicated Crime Scenarios in the process of detecting, collecting the evidences
- ▶ Allows to bring out the best out of the Programme being trained upon
- ▶ The entire CSI process remains in the mind for ever as it is self learned.
- ▶ The training programme allows the trainees to be more active during CSI.



KWICK SOFT'S INDIGENOUS PRODUCTS



Interactive 3D Software Simulator for Crime Scene Management Training & Proficiency Testing



Experts could experience a new way of Crime Scene Investigation



Kwick Fuming Chambers & Drying Cabinets

SAMAYA SAMADHAN

From Crime Scene to Court-Digitally Track Evidences from Crime Scene maintaining Chain of Custody

OUR GLOBAL PARTNERS





Scan to view catalog

Contact Us:



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Email: info@kwicksoft.co.in | Website: www.kwicksoft.co.in