

Forente

Your forensic technology partner in solving crime

Forensic Light Sources



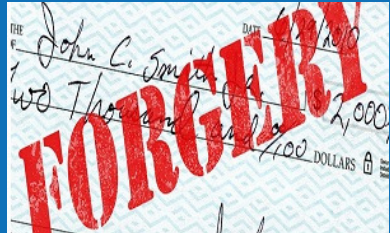
Evidence Screening



Fingerprint Evidence



Document Examination



Crime Scene Investigation



Trace Evidence



ForenteQ Product Overview 2026

Laboratory Cyanoacrylate Fingerprint Development Cabinets

MEGAfume series:- High performance fingerprint development on non-porous and semi-porous surfaces with a focus on quality monitoring and ease of cleaning and maintenance.



- ✓ Available in 3 sizes:- benchtop, mid-size and extra large
- ✓ Internal easy clean design with simple ECO friendly filter change system
- ✓ Touch panel control with data logger for quality control and casework reporting
- ✓ Used extensively in the UK & Ireland. Validated to ISO17025 in operational labs
- ✓ Dual temperature for liquid superglue or Polycyano
- ✓ UV Decontamination unit
- ✓ Range of shelving accessories for easy mounting of evidence
- ✓ Innovative filter management system that minimises waste and reduces operational costs

Scene of Crime Cyanoacrylate Development

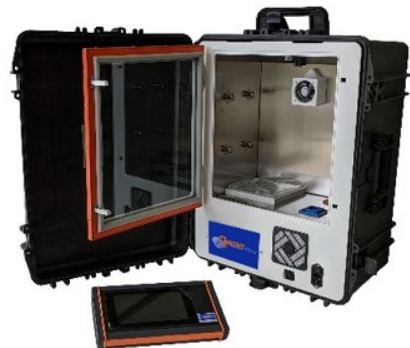
MOBifume system:- For development of fingerprints on vehicles in a garage/ tent, or directly at the crime scene. A portable system with secure Wi-Fi link to provide remote control of the evaporation / humidity and filter process.



- ✓ Scalable system where multiple systems can be grouped together to develop large areas
- ✓ Easy to clean and maintain
- ✓ Touch panel tablet provided to control operation via secure WiFi link
- ✓ Minimal cables and easy to set to up
- ✓ Dual temperature operation for liquid superglue or Polycyano

MINifume Portable Superglue

Cabinet:- The MINifume superglue is built within a Peli waterproof transit case and is ideal for use in a vehicle or remote locations. It is provided with a touch screen control and innovative filter management system.



Ninhydrin / DFO / Indandione Climate Chambers

NINcha series:-

- ✓ Available in 4 standard sizes
- ✓ Stand alone cabinets. No water plumbing or external extraction.
- ✓ Touch panel control with data logger for quality control and reporting
- ✓ Precise monitoring of temperature & humidity inside the cabinet
- ✓ Recovery times in-line with FVM/DSTL requirements
- ✓ Pre-programmed treatment cycles
- ✓ Internal air filters and external ventilation
- ✓ Anti condensation design
- ✓ Used extensively in the UK & Ireland. Validated to ISO17025 in operational labs



NINcha P31



NINcha S31



NINcha S31 with trolley



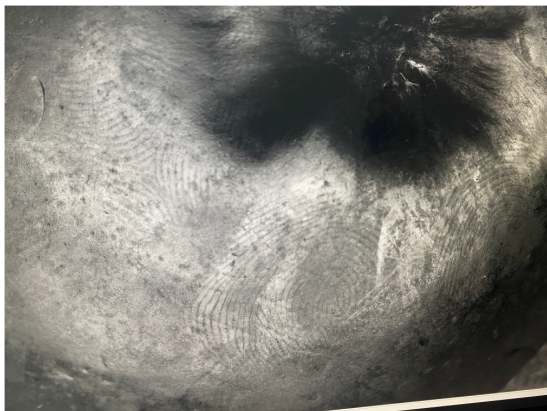
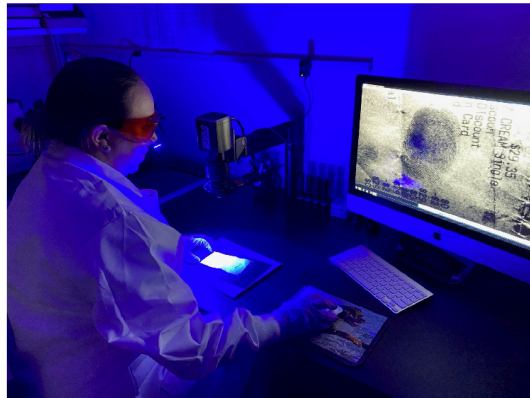
NINcha M31



NINcha L31

Full Spectrum Imaging System (FSIS) for Fingerprint Detection

FSIS-II:- The Arrowhead Forensics FSIS-II is a full spectrum imaging system primarily used for revealing latent fingerprints. The system comprises of scientific camera and illumination from UV-C to Visible to near Infra Red. This innovative system can locate, capture and casework manage marks on a variety of substrates in a few seconds including glass, metal, wood, paper, thermal paper and even food items.



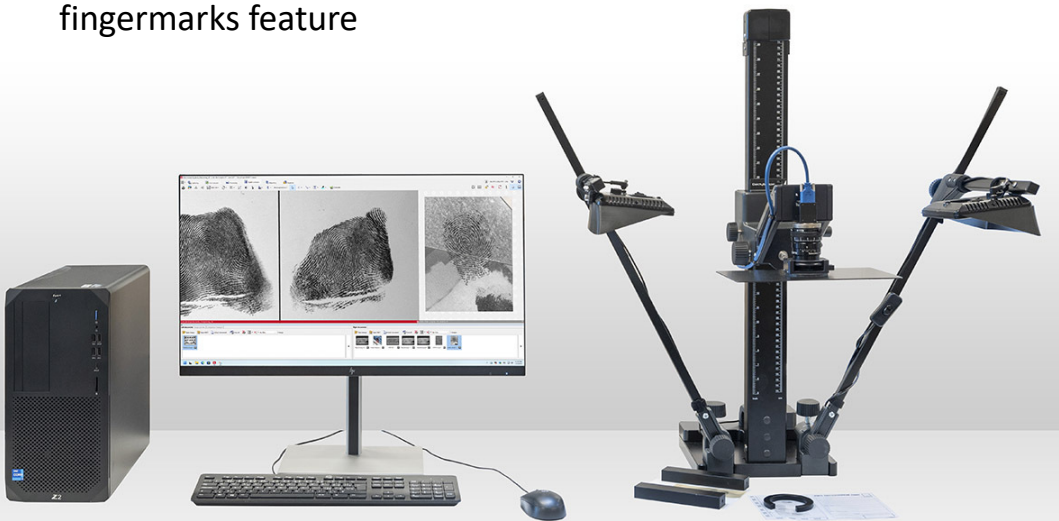
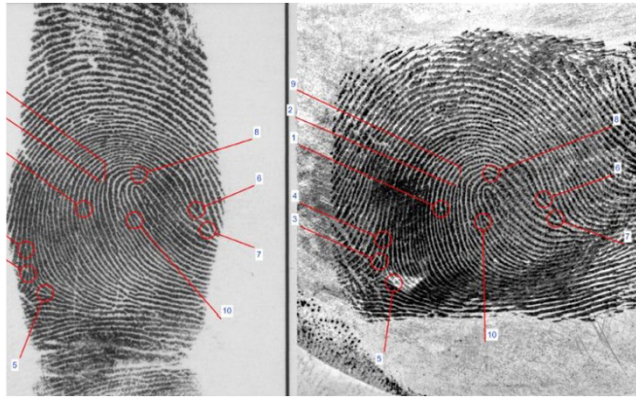
Latent fingerprint on an apple with UV-C examination

In addition to the laboratory system the FSIS-II is also available in two portable systems and a new crime scene version. These systems are easily transportable for deployment either at the crime scene or for intelligence operations.

Digital Fingerprint Comparison Workstation

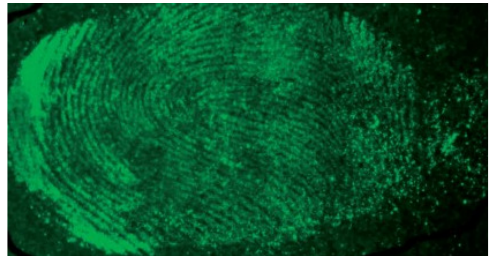
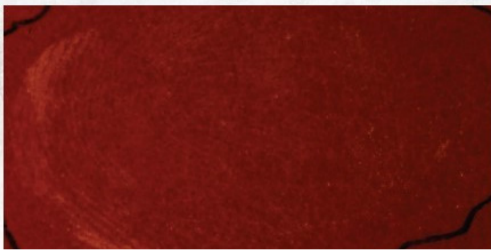
DactyPRO Workstation:- is a dedicated digital fingerprint live feed imaging, processing and comparison system providing detailed mark analysis and casework management. Image capture, processing, annotation, measurements and comparison are integrated into the LUCIA Forensic software.

- ✓ Rapid live feed image and capturing
- ✓ Side by side image comparison
- ✓ Auto scaling
- ✓ Image processing
- ✓ Rotation, inversion, flip, annotation, GYRO marking
- ✓ Perspective correction and 3D unwrapping of fingermarks feature



Fingerprint Evidence

Arrowhead FF-1 filter:- Take your latent print photography to the next level. High power laser or ALS light sources are very effective at inducing unwanted fluorescence that significantly reduce contrast. The FF-1 Narrow Band-Pass Forensic Filter rejects unwanted background fluorescence to enhance fingerprint ridge detail.



Left Image: Print treated with Indandione with long pass filter

Right Image: Same print photographed with FF-1 stacked with long pass filter



POWDERado:- A downdraft HEPA filter workstation for fingerprint powder applications. Stainless steel working surface, pre-filter and particulate filtering, touch panel controls and integrated White and optional UV lighting. Closing side doors and lid to prevent dust release into the laboratory.

Forensic Lasers

Revelation Cordless Dual Laser:-

The Revelation Cordless Dual wavelength portable forensic laser from Laser Innovations is the latest compact laser in the Revelation family of products.

With DNA cross contamination in mind this system is ultra-lightweight (1.5 kg) and easy to clean. This laser provides 7 Watts Blue at 445nm and 7 Watts Green at 532nm but is also provided as single wavelength variants.

Designed, built and fully supported in the UK with a full 2 year parts and labour warranty as standard.



DESIGNED AND
BUILT IN THE UK



LED Forensic Light Sources

LIGHTcube – the modular forensic light:- LIGHTcubes can be stacked together with multiple modules of the same wavelength for more power or different wavelengths for different tasks. These lights are easy to clean to reduce DNA risks and are designed without a cooling fan. Available in a wide range of wavebands from UV to IR and come complete with wavelength matched filters and goggles.



The modularity of the LIGHTcubes allows you to attach them onto many of the Attestor products such as the SCENEview and LABview systems. You can even attach the LIGHTcubes onto a tripod and also a DSLR camera hot shoe, allowing you to greatly enhance your imaging capabilities in the Laboratory or at the Scene.

LED Forensic Light Sources

Lumatec Superlite M05:- A low cost but powerful forensic light source. 12 high power LED wavebands from UV to IR with interchangeable heads that connect to a battery pack, uniform lighting, user adjustable spot size, 3 user selectable power levels, incredibly long battery life up to 4 hours. The kit includes long pass filter goggles, ruggedised carry case, car and mains charger and camera filters.



LED White Lights

ForenteQ Ltd provides a wide range of affordable forensic white lights to suit a range of budgets. Models include the highly competitive **OR-GYD10** light which provides 3 Watts white circular uniform beam with integrated rechargeable battery. Higher power models are also available at 12 Watts (as pictured right) that can be provided with optional contrast filters.



Shoe Mark and Flat Surface Forensic Light Source



OR-GZJ40:- A powerful compact forensic light source delivering 30 Watts output capable of projecting a linear 'sheet' of white illumination several metres. It is provided with telescopic detachable handle. Ideal for detection of shoe marks on flat surfaces or examination of Gel lifts.

OR-GZJ50:- A durable, lightweight crime scene light with 40 watts of light intensity provides linear white light illumination to recover shoeprints, tyre marks and other impressions. This device comes with coloured magnetic clip-on filters to enhance the contrast on different backgrounds.



Video Spectral Comparators



Regula Forensics 4308:- Is an advanced forensic video spectral comparator with over 40 integrated light sources, 20 filters, top and bottom digital cameras, hyperspectral imaging and spectrometer for advanced forensic level examination of questioned documents. Includes 3D imaging and built-in RFID reader.

- ✓ Two optical systems – 14MP and 12MP cameras for top and bottom optical examination
- ✓ High resolution imaging – Up to 140,000 ppi with 320x optical zoom and x580 on-screen magnification
- ✓ Movable object stage – Motorised XY translation stage for high performance positioning
- ✓ Extensive light and filter options – 40+ LED light sources with 20+ filters
- ✓ Large object examination – Unique lifting system of the top optical path boosts field of view up to 310x220mm
- ✓ 3D Visualisation – Build a 3D model of a document fragment and examine surface relief
- ✓ Innovative software – Regula Forensic studio allows you to create reports, annotate and caption images, compare questioned documents with reference images and so much more.

Video Spectral Comparators

Regula Forensics 4306:- Is an all-LED video spectral comparator with 40+ all LED lights, 18 camera filters and an incredible max resolution of 18,900ppi. Integrated Hyperspectral imaging, IPI decoder, RFID reader, 3D imaging capability and 1D/2D barcode reader.



- ✓ Custom high-resolution camera – 8MP camera with up to 60x optical zoom
- ✓ Advanced illumination – Multifunctional coaxial light
- ✓ Unmatched Anti-Stokes visualization – For advanced security features
- ✓ Extensive light and filter options – 40+ LED light sources with 20+ filters
- ✓ 3D Visualization – Examine surface relief
- ✓ Hyperspectral imaging – Measure and quantify colours
- ✓ Large object examination – Removable side flaps and object stage to accommodate thicker documents.



Regula Forensics 4205D:- Is a desktop standalone document examination instrument with up to 12 integrated light sources, 10-inch TFT screen and 5Mpx camera. It's a low-cost device ideal for express verification and for teaching applications.

ESD Indented Writing Analysis



Docustat DS-220:- The Projectina Docustat DS-220 is a dedicated system for ESD visualization of indented writing on documents. More sensitive than oblique lighting the Docustat DS-220 provides permanent 1 to 1 transparencies of indented writing whilst ignore visible script



ESD Toner and Ozone Reduction

Workstation:- The TORnado SF91 is a system designed for use with the Foster and Freeman ESDA's or the Projectina Docustat DS-220 to reduce toner and ozone exposure produced from the ESDA process. Provided with HEPA particulate filter, touch panel control and integrated illumination source.



Forensic Magnifiers



Forensic magnifiers:- ForenteQ Ltd provide a huge range of forensic magnifiers including low-cost eye loupes to more sophisticated magnifiers that include a digital camera, integrated lighting and display screen. These magnifiers can be used for a wide range of applications including:-

- ✓ Micro-print detection
- ✓ Alterations to documents
- ✓ Intaglio and embossed print
- ✓ UV security print in passports, ID cards and currency
- ✓ Anti-stokes security features
- ✓ Fingerprint verification



Photography & Evidence Imaging

FSIS-CSE:- Is the latest addition to the robust family of Full Spectrum Imaging Systems from Arrowhead Forensics. The FSIS-CSE is specifically designed for the crime scene investigator as it is portable but has all the capabilities of the larger FSIS lab systems.



PHOTOvent:- Motorised downdraft filtered photography workstation compatible with the DCS-3/4/5 system from Foster and Freeman. Stainless steel construction, strong downdraft air system (HEPA filtering), motorised camera arm and variable height adjustment.

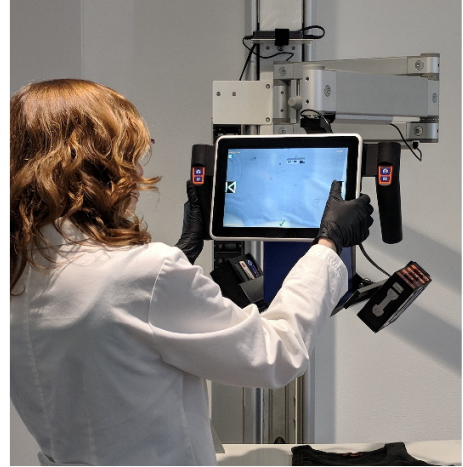


CrimeCam Examiner+:- The Arrowhead Forensics CrimeCam Examiner+ system provides a powerful UV, Blue and White ring light camera attachment particularly suitable for imaging of body injuries and fluorescent photography.

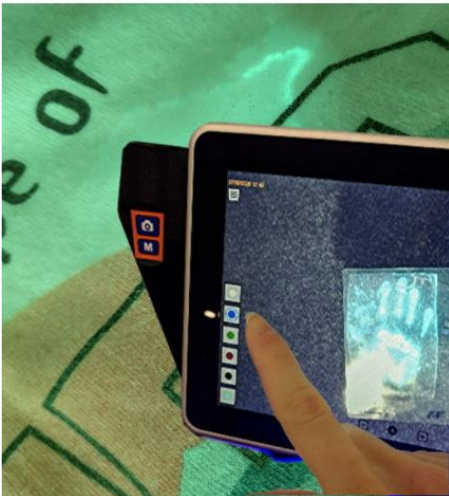


Laboratory Evidence Screening with Image and Video Capture

LABview PRO:- is designed for the DNA evidence recovery laboratory to aid the screening and detection of a wide range of evidential material including biological traces, fibres and hairs. The system is modular allowing additional lighting modules to be added. The easy to clean system is ideal for DNA sensitive applications.



The touch screen control provides easy control of lighting, filters, image and video capture. Comprising of a 10 Mpx camera and automated filter wheel the system effortlessly configures itself for evidence detection in the UV-A - Visible - IR range.



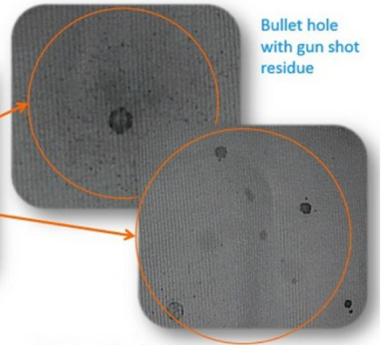
The system is either wall mounted or is supplied on a stainless steel pedestal or copy stand mount.

Crime Scene Evidence Screening with Image and Video Capture

SCENEview VisIR:- The all-new evidence camera for search and documentation of evidence material like fingerprints, body fluids, blood, gunshot residue and much more.



Visible and IR image of a black cotton T-Shirt



Dried-up blood spatter and stains

Key features:-

- ✓ Portable Scene of Crime or laboratory evidence screening system
- ✓ Modular clip-on / clip-off LED lights providing a cost-effective design with high resolution Vis-IR camera
- ✓ Effortless evidence capture and video documentation
- ✓ Visible and fluorescent evidence detection
- ✓ IR sensitive camera for BPA detection
- ✓ Automated filters corresponding to specific chosen light source

3D Laser Scanning for RTC, Crime Scene and BPA Examination



Leica Geosystems RTC360:- a 3D reality capture system for road traffic collision analysis, crime scene mapping and blood pattern analysis. Improves efficiency and productivity through fast, simple-to-use, accurate, and portable hardware and software.



DISTO series:- accurate, compact and durable laser distance meters designed for indoor and outdoor distance, area and volume measurement. A perfect tool for crime scene measurement.

Ballistics Investigation

Phenom-Perception GSR:- The world's first automated desktop scanning electron microscope for GSR. Electron optical magnification of x200,000, EDS sensor for elemental detection and ASTM E1588/ENFSI compliant analysis / classification software. Can accommodate up to 30 x GSR stubs at a time.



Ballier surface



Deformed bullet surface



Cartridge case surface



Cartridge case bottom



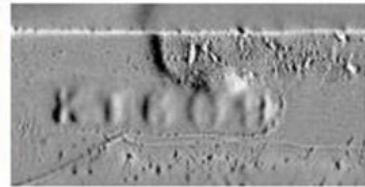
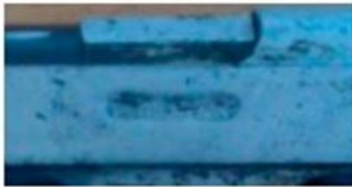
BALSCAN:- Is a dedicated workstation for high resolution 2D and 3D imaging of fired ammunition. Images can be saved to a database or network. Images can be annotated, then compared and matched with sophisticated comparison software.

Projectina VisionX:- is a world leading comparison microscope for powerful and effective ballistics analysis and confirmation. With motorized magnification, motorized XYZ stage and a flexible arrangement of LED lighting.



Serial Number Recovery for Firearms and Vehicle VIN Plates

Regula 7517:- Is an innovative system for non-destructive and repeatable recovery of firearms and ammunition serial numbers using an electro-magnetic technique. A repeatable recovery process of corroded or mechanically erased serial numbers in a few seconds.

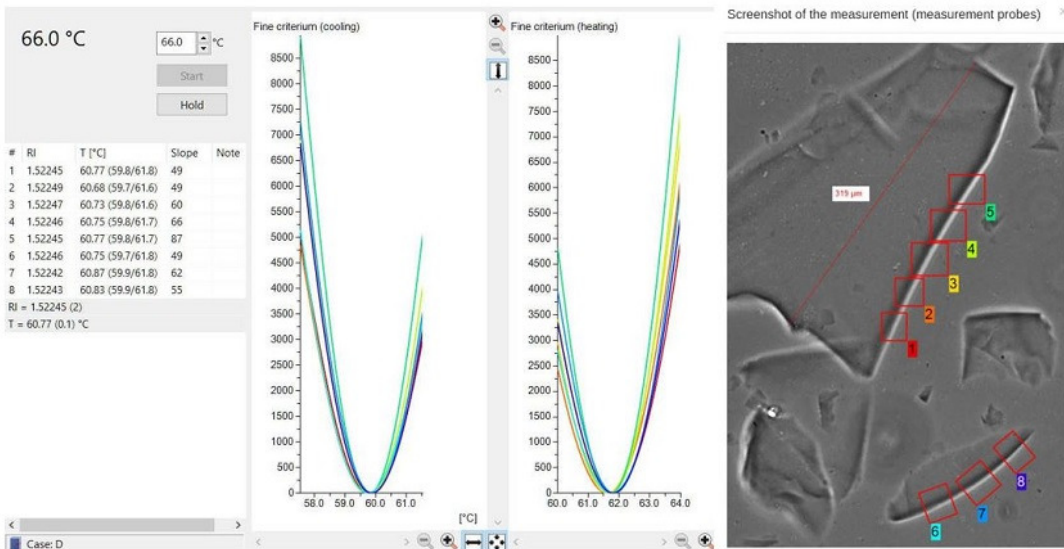


Regula 7505M:- very similar in operation the Regula 7517 above the Regula 75005M system provide non-destructive and repeatable recovery of vehicle VIN numbers. It detects effortlessly corroded VINS, altered VINS through electric arc welding, letters and symbols alterations etc.. The instrument is provided in a Peli type transport case.



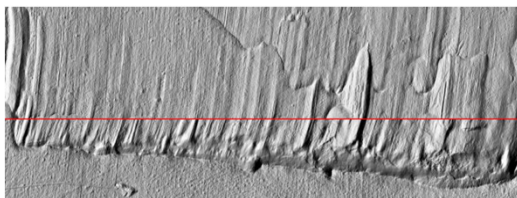
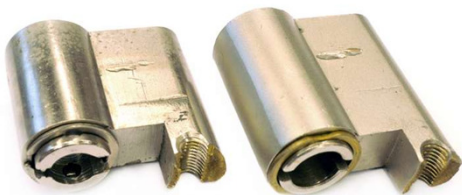
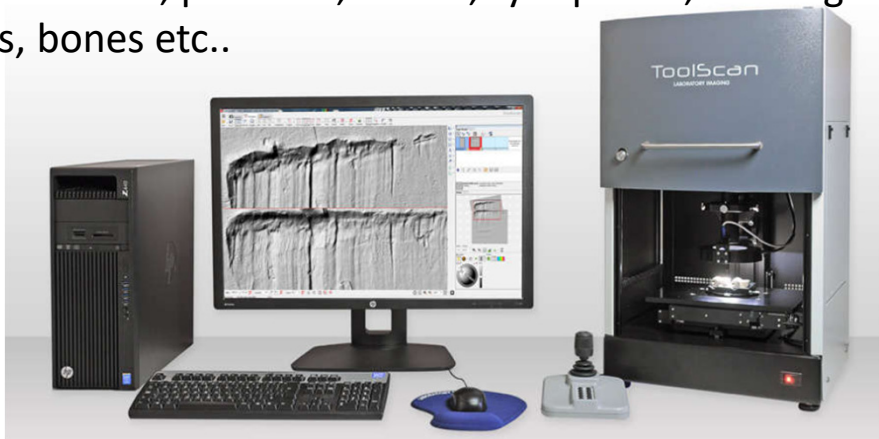
Glass Refractive Index System

LUCIA RI:- A precise RI measurement system that uses the oil immersion method combined with a NIKON phase contrast microscope and Mettler hot stage. Up to 40 re-sizeable measurement probes and reproducibility of measurements under 0.00002 (standard deviation). Video recording of measurement progress with comprehensive reporting and case management tools.



2D and 3D Toolmark Imaging and Comparison

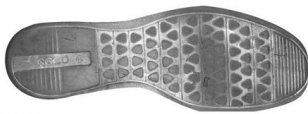
TOOLSCAN:- a complete solution for forensic examination of tool marks. It is designed to provide live real time image and comfortable straightforward scanning of high-resolution all-in focus 2D and 3D images including photometric data. The 3D image is a "texture free" representation, called digital silicone casting. It removes all material-specific lights and shades and emphasizes the shape and height profile. Images can be saved into the database and shared via network. A full set of comparison functions is at hand for precise matching. The system provides a full set of comparison functions for precise matching. Suitable for a wide range of objects including cylinder locks, padlocks, cables, tyre pieces, cartridge cases, bones etc..



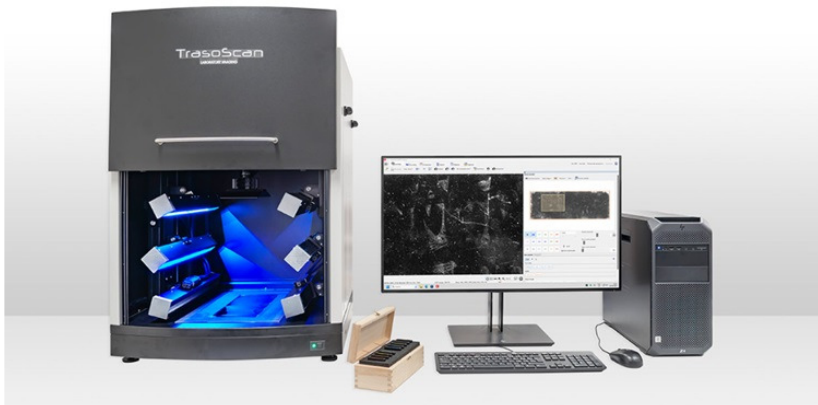
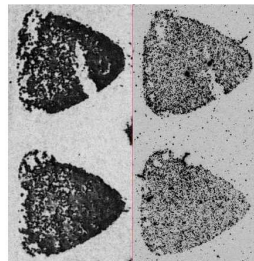
Shoeprint and Gel Lift Scanner

TRASOSCAN shoeprint scanner:- is a versatile workstation primarily for examination of shoeprints and Gel lifts but can also be used for evidence examination on any flat surface. High resolution 1000dpi images can be saved, annotated, measured and compared. The all-in-one device provides maximum versatility including illumination suitable for fluorescent dyes and powders, oblique illumination, RGB scanning, and scanning of large objects. The vacuum working table is suitable for standard foil sizes, for removing parasitic reflections and for improving of the image quality.

Directly scanned shoe sole



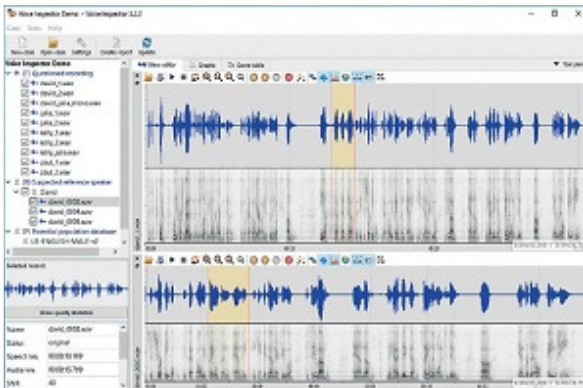
Direct shoeprint



Forensic Voice and Deepfake Identification



The Phonexia Voice Inspector:- provides police forces and forensic experts with a highly accurate speaker identification tool that supports criminal investigations. It uses the latest voice biometry algorithms to recognise a speaker automatically with automated transcription and multi-language capability.



Now with a Deepfake detection tool with industry leading accuracy Phonexia's Deepfake Detection technology is text, language and channel independent, leveraging advanced channel compensation techniques for robust compatibility across diverse communication channels, including GSM/CDMA, 3G, VoIP, and satellite phones. Achieves 99% accuracy detecting more than 100 voice deepfake types out of the box.

Rapid Temperature Driven DNA Extraction Kits

ForensicGEM Universal – provides extractions in 15 mins for a wide range forensic samples such as blood, blood stains, cigarettes, saliva, buccal swabs and solid tissue such as hair follicles.



ForensicGEM Sperm – Provides extractions for semen swabs, stains, vaginal swabs and liquid semen with superior yields and STA ready DNA in 11 mins.



prepGEM Universal – provides single tube extractions for blood, saliva, tissues and cell cultures in 15 mins.



prepGEM Bacteria – Efficiently extract DNA from Gram-positive and Gram-negative bacteria, protozoa, archaea, colonies, and liquid cultures. manual extraction protocol for a wide range of bacteria types. The kits works well for Gram +ve and Gram -ve capsulated and mixed samples.



About Us

ForenteQ Limited is a leading UK and Ireland supplier of innovative forensic science equipment. Established in 2015 our offices are in Warwick, central England.

With over 130 bespoke product lines we serve and support the forensic police forces, educational sectors and government laboratories.

Our business operations are accredited to the quality standard of ISO9001:2015.



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ForenteQ's office in Warwick

Our services include:-

- ✓ Equipment sales
- ✓ On-site installation
- ✓ Product training
- ✓ Product servicing and service contracts
- ✓ ISO17025 traceable calibration
- ✓ Extended warranty plans



Your forensic technology
partner in solving crime

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