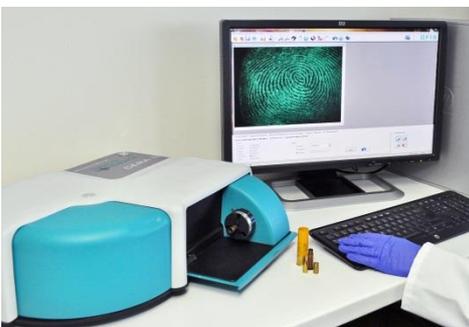


CONSOLITE[®] FORENSICS Ltd

Developing Innovative
Technologies in
Forensic Science

- CERA – Imaging of Fingerprints on Cylindrical Objects
- HPS – Development of Fingerprints on Thermal Paper



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The Consolite Group

Consolite Technology, the sister company to Consolite Forensics, started in 1980 with the design and manufacture of cockpit lighting indicators for the UK Sea Harrier jump jet programme.

In 1984 Consolite Technology introduced the thumbwheel potentiometer used on the US F-16 HUD, and to this day is the sole supplier of this item. The design has been developed for other aircraft including the US F-22 fighter and the Eurofighter Typhoon.

In the mid-1980s Consolite developed a capability in the design and development of NVG compatible filters for cockpit lighting and so was an early leader in the field. The capability was later extended to full cockpit upgrades for many of the world's major aircraft types. More recently the company has achieved great success in the modification of lighting on warships, including complete upgrades to major aircraft carriers.

Consolite Forensics

In 2010 Consolite began working with Dr. John Bond, the inventor of the CERA process, and the technique was developed into a complete system to automate the development of fingerprints on cartridge casings, with fully integrated image capture and enhancement.

This was the start of Consolite Forensics. Since then the original CERA has been redeveloped into a new optical device now called CERA LT, and a second unique system called HPS has also been brought to market. HPS, the Hot Print System, is already helping agencies world-wide in developing fingerprints on thermal paper such as till receipts. A series of further product launches is planned for the coming months and years.



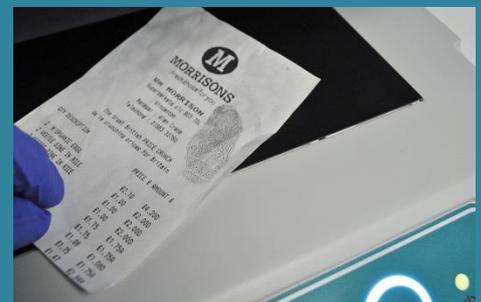
CERA LT

- Cylindrical objects often pose a challenge when it comes to fingerprint extraction. The curved surface does not lend itself well for photography and subsequent images are often very difficult to piece together to reveal a complete print.
- The CERA LT is a state of the art optical system capable of enhancing and capturing even the most difficult prints from curved surfaces e.g. cartridge casings, cigarettes, syringes, lipsticks etc. The dedicated software then allows for images to be stitched with much greater precision than original methods, offering a far clearer, complete print. Ridge detail can also be enhanced further revealing ridge bifurcation and endings, as well as finer detail such as sweat pores.
- The CERA LT software includes a full, inalterable audit trail, a vital component of any evidence.



HPS

- Thermal paper is increasingly used worldwide for applications such as till receipts, ATM printouts and boarding passes. Often recovered from crime scenes, thermal paper is usually not simple or quick to process without the use of chemicals.
- The HPS is a revolutionary new patented system to automatically and consistently develop fingerprints on thermal paper in minutes, without the use of chemicals.
- The system works using thermal technology along with a unique optical detection system to ensure a fully controlled automated development method that doesn't turn the paper black.



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Terms & Conditions apply

QTY	DESCRIPTION	PRICE	AMOUNT
1	NOBIL SAUVIGNON	£5.69	£5.69 A
1	H CRUSTY ROLLS	£0.69	£0.69 D
1	H FOCCACIA	£1.99	£1.99 D
2	BLACK FARMER SAUS	£2.00	£4.00 D
1	H PICK'N'MIX ROLLS	£1.25	£1.25 D
1	DAIRY MILK TURKISH	£1.99	£1.99 A
1	CAD FRUIT & NUT	£1.99	£1.99 A

