

CONSOLITE® F^{OR} FINGERPRINTS FORENSICS Ltd

HOT PRINT SYSTEM (HPS)

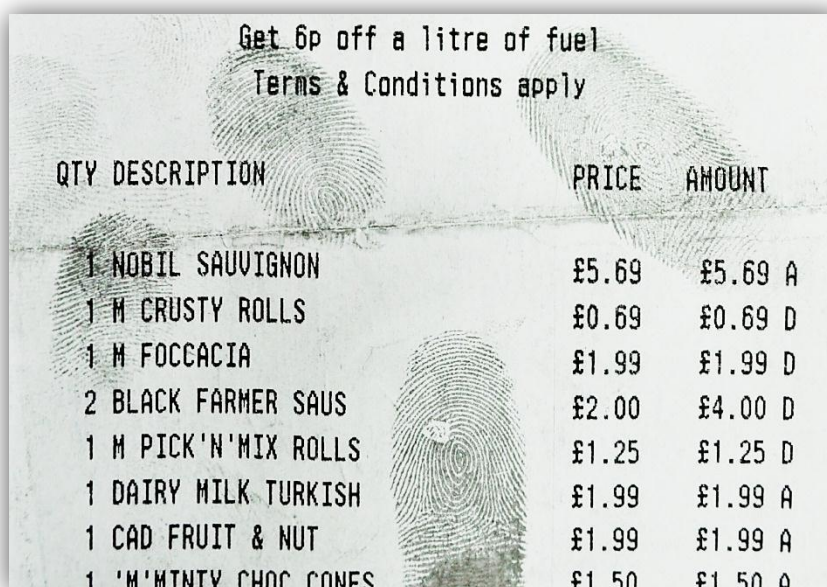


A NEW DEVELOPMENT TO AUTOMATICALLY
AND CONSISTENTLY DEVELOP
FINGERPRINTS ON THERMAL PAPER

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Thermal paper is increasingly used world-wide 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.

Consolite Forensics' Hot Print System is here to change that.



The HPS is a revolutionary new patent pending 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.

Fingerprints as old as two years have been developed and recovered, outperforming many other traditional techniques.



THE PROCESS:

1. Place the thermal paper on heat plate
2. One push of a button
3. The heat plate carefully heats the thermal paper
4. Optical sensors automatically detect the slightest change
5. Cooling cycle begins
6. The mark is preserved and ready for image capture

The whole process takes 2-3 minutes and involves no pre-treatment.

The HPS can be used in sequence with Ninhydrin and alike to develop prints on the non-thermal side of the paper and DNA swabs can be taken before if required.



ADVANTAGES OF HPS:

- Quick and simple to use
- No pre-processing required
- No nasty chemicals required
- Year old evidence is routinely processed
- Can be made vehicle compatible
- A fully controlled development method

SPECIFICATION:

- Dimensions: 390 x 320 x 90mm (16" x 13" x 4")
- Weight: 4 Kgs (9 lbs)
- Voltage: 96-264 Volts ac
- Provided in a rugged carry case

AFTER SALES SUPPORT:

Advice and training is available from the Consolite Support Team.

“The results showed some clear advantages of the hot print system with its rapidity being particularly advantageous.”

“The success of the heating method, where low levels of residues are present – high in the depletion series – are particularly striking”



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