

INTRODUCING

AminoVac[®]

The world's first automated solvent-free process for Ninhydrin & 1,2-Indandione.



The fully automated system enables the operator to process multiple pieces of porous and semi-porous evidence simultaneously using a reagent tablet rather than a solvent solution.

The AminoVac ensures consistent, uniform results across a wide variety of porous substrates. Our dedicated forensic innovation team are already exploring future reagents to be used in the AminoVac.

- ▶ Simple three-step process with zero specialist skills or experience required for operation.
- ▶ Plug and play set-up with online how-to videos for operator training.

Patent Pending



**SOLVENT
FREE**



**BATCH
PROCESSING**



**AUTOMATED
OPERATION**



**TABLET
DELIVERY**

Email forensics@west-technology.co.uk
or visit www.west-technology.co.uk

THE PROCESS

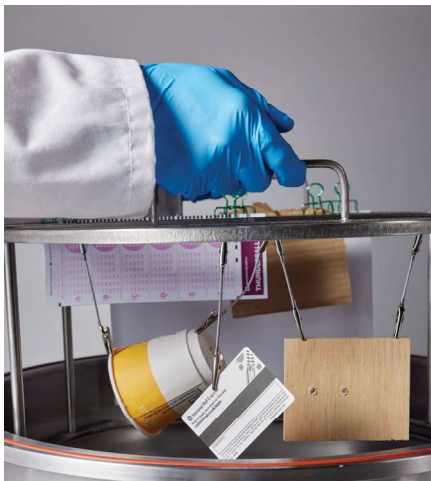
Evidence Processing

Developing fingerprints using AminoVac is an efficient three step process that can take as little as 20 minutes



Stage 1:

Ninhydrin or 1,2-Indandione tablets are positioned at pre-set locations within the chamber. Tablets may be used for multiple process cycles.



Stage 2:

Attach the evidence to the evidence holder and place within the chamber. The chamber has an evidence loading capacity of 75 cubic litres (19.8 US gallons).



Stage 3:

The operator uses a simple touch screen interface to select the desired process, delivering Ninhydrin or 1,2-Indandione to the evidence in a matter of minutes.

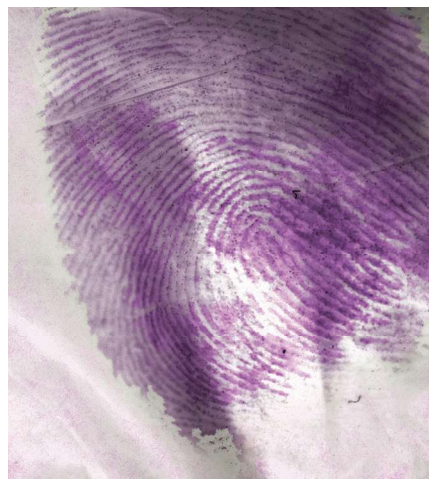
Any operator can now clear backlogs
of evidence with automated rapid
batch processing

Processed evidence



Some thermal receipts may require an acetone pre-wash when using the solvent method, which could have a negative impact on the printed data contained on the receipt. The AminoVac process circumvents this with a single stage development, retaining all printed information.

Recyclable coffee cups present a challenge due to their structure and composition. The AminoVac boasts 360-degree development in a single process, without the risk of any liquid pooling and associated negative impacts.



Compostable plastic bags and tissue paper also present a challenge to forensic laboratories, especially going through contact heavy processes containing multiple solvents. The AminoVac procedure is non-destructive, both chemically and physically, allowing results to be obtained from fragile substrates.

Your laboratory advantage



SOLVENT FREE

Experience a hassle-free process with no need for chemical preparation, waste, or consumables with a short shelf life. Enjoy the peace of mind that comes with zero contamination of reagents, eliminating associated health and safety concerns.



BATCH PROCESSING

The streamlined process enables you to handle a wide variety of evidence types in one simple step, including various compositions and form.



AUTOMATED OPERATION

The touch screen controls the entire process, requiring the operator to simply confirm the tablet being used. It provides clear, sequential guidance for each stage, ensuring a simple and easy user experience.



TABLET DELIVERY

Tablets are used instead of powders, liquids or sprays to ensure uniform deposition of the active reagent whilst minimising background staining. They are easy and safe to handle, can be reused multiple times, offering a cost-effective process. Additionally, the tablets produce consistent, reliable results due to their pre-made formulation.

