

DBS™ Dry Blood Spot Processor

Ahead of the Curve.

The DBS™ Dry Blood Spot Processor offers unsurpassed ease of operation for loading microplates with samples and tracking their IDs and well locations.

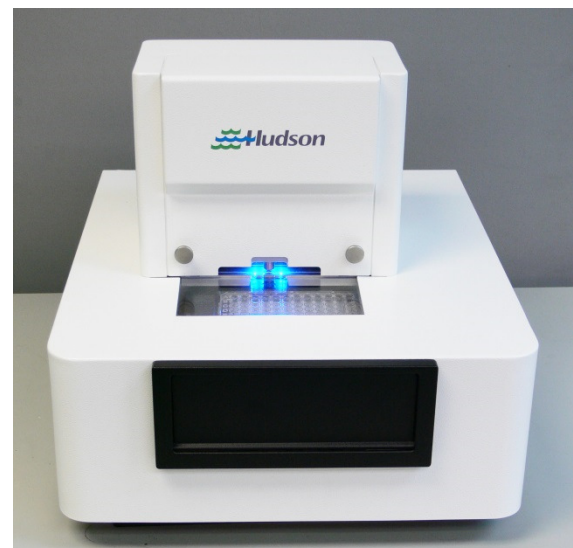
Hudson's Dried Blood Spot Processor automates the identification, punching, and inserting of dried blood spot samples into a 96 well microplate, creating an accurate record, on computer disk, of the location of each sample. The DBS can be used for all tests which utilize a dried sample spot, including neonatal, HIV, and hemoglobin testing. It is also adaptable to another applications requiring a solid sample to be placed into plates, such as leaf samples.

The DBS consists of an electrically-activated pneumatic punch, a computer-controlled table to position the microplate, and a multi-purpose barcode scanner. It automatically links the sample identification with the plate location. The resulting work list or plate map can be printed out at the workcell, or networked into your laboratory information system.

Features:

- Easily creates an accurate plate map
- Positive insertion into plate well avoids static charge effects on dry days
- Reduces carpal tunnel stress
- Reduces exposure to potential biohazards
- Bar code verification ensures accuracy
- 3 seconds to punch spot, reposition plate

**PUNCH, INSERT, and
CREATE YOUR PLATE MAP
AUTOMATICALLY and
ELECTRONICALLY**



The Dry Blood Spot Processor



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Applications

Dry Blood Spot testing
Leaf Punching
Any punchable web material

Specifications

- Punch sizes - 1/8, 3/16, or 1/4-inch diameter standard; custom sizes by special order
- Uses standard height, 96-well SBS-compatible microplates
- Includes control computer loaded with DBS Control Software
- Includes handheld and fixed-mount barcode scanners
- Includes footswitch for “hands-free” punch activation
- Printer - Optional
- Utilities - 120 /240VAC, 50/60Hz, 5 AMPS; 100-120psi air



**DBS shown with barcode scanner
and footswitch**

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