

DERMALOG

Biometric Drug Testing Analyzer

Mobile testing combined with biometric security



Key Features:

- > Mobile drug testing
- > Fast test results
- > Biometric client identification
- > Full process automation
- > Compact design
- > Intuitive user interface

Biometric Drug Testing Analyzer

The next level of mobile drug detection

DERMALOG's and HSC's Biometric Drug Testing Analyzer is the only Point-Of-Care multi-drug testing device capable of performing quantitative analysis while ensuring that all results can be reliably documented through biometric identification. Combining cutting-edge R&D, security and precision, the Biometric Drug Testing Analyzer is a versatile system for daily use anywhere, anytime.



Key Features



Compact design

The device is lightweight (1650 g) and compact (90 mm x 115 mm x 215 mm).



Automatic test recognition

Instead of manual input, the device can recognize tests via barcode labels.



Wide range of testing parameters

Integrated screening technology detects multiple parameters qualitatively and quantitatively.



Quick and easy to connect

A built-in USB port makes it easy to connect the device to a computer.



Fast results

The device delivers accurate results in just 10 to 15 minutes.



Large storage capacity

The Biometric Drug Testing Analyzer stores up to 10,000 client files.



Intuitive user interface

The device's user interface is self-explanatory and easy to use.



Mobile power supply

The device can be powered by a wired connection or a rechargeable battery (up to 8 h operating time).

Know your Client

Integrating DERMALOG's reliable and high-speed fingerprint recognition technology ensures secure and accurate test result documentation. The system enables 1:1 matching with documents such as biometric ID cards. Biometric client enrollment is also possible with the Biometric Drug Testing Analyzer.



Turnkey solution for large-scale testing

The Biometric Drug Testing Analyzer provides metrological analysis for the presence of illicit drugs on surfaces and in unknown substances, even when invisible to the human eye. The device evaluates each sample automatically within a few minutes. The results are stored and accurately linked to each client via biometric identification, enabling client tracking on the device or a computer. The analyzer works with multiple biological samples such as urine, oral fluid or blood.

Why choose the Biometric Drug Testing Analyzer?

Advantage	Biometric Drug Testing Analyzer	Competition
Easy-to-use mobile laboratory technology providing fast on-site results	✓	✗
Reliable test result documentation via biometric identification	✓	✗
CE-certified product, designed and manufactured in Germany	✓	✗
Metrological quality check of each test charge	✓	✗
Qualitative or semi-quantitative result indication	✓	✗
Optional customization for test range and cut-off settings	✓	✗
Samples remain available for confirmatory analysis	✓	✗

Specifications **Biometric Drug Testing Analyzer**

General Technical Features

Dimensions (H x W x D)	90 mm x 115 mm x 215 mm (3.5 " x 4.5 " x 8.5 ")
Weight	1650 g
Battery Capacity	10,000 mAh 3.6 V (Optional: 20,000 mAh)
Power Supply	USB-C
Camera Resolution	8 MP
Touchscreen Size	5 "

Fingerprint Scanner

Standard/Certification	CE, RoHS2, PIV, FCC-Sdoc, BSI TR-03104, FIPS201, WHQL
Capture Area (W x H)	18 mm x 26 mm (0.7 " x 1.0 ")
Capture Options	Single fingerprints
Light Source	Near-infrared light-emitting diodes (LEDs)
Resolution	500 dpi
Image Size	480 px x 320 px, 8 bit 256 gray levels

Card Reader

Standard/Certification	ISO 7816-1/2/3, PC/SC, EMV2000, CCID
Default CLK Frequency	3.68 MHz / 4 MHz
Supported Card Types	5 V, 3 V and 1.8 V smart cards
Supported Protocols	T = 0, T = 1

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