LABSTAC

HAND-HELD CHEMICAL IDENTIFIER DRD25-10

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HAND-HELD CHEMICAL IDENTIFIER DRD25-10

Hand Held Chemical Identifier, for rapid, accurate identification of unknown liquids and solids such as threat liquids, narcotics, explosives, and chemical warfare materials. Based on Raman spectroscopy, itcan analyze the unknown substance in question quickly and provide an immediate, reliable result.

Used in Widely used in Pharmaceutical chemical, Army/Police/Anti-terrorism, subway, railway, public security, border police, government Units, postal logistics, other key security zone, the human body clothing, luggage, drugs left on the surface of the goods, explosives, other prohibited items, suspicious objects can be quickly detected.

Also known as Explosives Drug Detector, Trace Drug Detector, Explosives Trace Drug Detector.

DRD25-10 HAND-HELD CHEMICAL IDENTIFIER

High accurate and flexible identification of a wide range of the unknown substance with extensible substance library

High speed inspection

no warm up time. It can directly detect once turn on

Handheld and ergonomic design

Non-destructive and Non-radioactive testing

Analyze and identify substances in several seconds typically

Micro USB2.0 and Wi-Fi for data transfer and software update

Can check the information from mobile phone software

Integrated Bluetooth for data sending

Friendly operation based on touch-screen with graphical user interface and minimal training required Virtual keyboard: Built-in Win8.1 system, a virtual keyboard operation, easy to input

SPECIFICATIONS

Model	DRD25-10
Explosives	TNT ,RDX, PETN, Octagon, Sulfur and Ammonium Nitrate, etc.
Narcotics	Cocaine,hydrochloride, Palavering hydrochloride, Methamphetamine (meth), Methamphetamine and Ketamine hydrochloride (K), etc.
Liquid Threats	Acetic acid, Acetic anhydride, Ethanol, Chloroform, Methanol, Toluene, Acetone, Pyridine, Benzene, Ethyl ether, Cyclohexane, 1-2 Dichloroethane, Xylene, N,N-dimethylformamide, Isoamyl alcohol, Isopropyl alcohol, Nitrobenzene, Cyclohexanone, Isoamyl acetate, Tetrahydrofuran，etc
Others	infinitely extension database
Spectrum range	200 – 3900 cm-1
Resolution	8 – 10 cm-1
Laser wavelength	785 nm
Laser security classification	3 B
Detector	Backside highly-sensitive CCD detector
Laser consumption	0-500mW adjustment
Integral Time	100 ms- 5s
Analysis Time	3 s
Alarm	Audio and visual alarm. And show you test result
Detection Way	Acquiring a usable signal a few millimetres away from the sample
Probe working focal length	8 mm
Warm up time	No

Working temperature	0℃ to 40℃
Working humidity	≤93%
Storage temperature	-20℃ to 55℃
Storage humidity	≤80%
Data	By USB or wireless to import or export
Data storage	Save 300,000 records
Battery	Rechargeable 4 hours lithium battery
Dimension (LxWxH)	160x222x74 mm
Weight	2.3 kg
Power	12V/3A adaptor

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