BioLAB

EXPLOSIVE DRUG DETECTOR BDRD-101

CE ISO**9001** CERTIFIED

EXPLOSIVE DRUG DETECTOR BDRD-101

EXPLOSIVES AND DRUG DETECTOR
Explosive Drug Detector has ion mobility spectrometry (IMS) technology which helps to quickly and accurately detect and determine the types of trace explosives and drugs.

5-inch color touch screen.
Fast identify speed and accurate result.
Fashionable design and light weight.
Battery backup time: more than 12 hours.
With positioning function, map real-time display location.
The device supports remote operation.
Supports data connections for multi-platform systems, exporting.
Test results can be compared to print, convenient and quick.
Original Swiss imports of aviation plugs, built-in ultra-thin lithium battery.
USB interface, equipped with wireless keyboard.
High sensitivity: can detect 200 Picograms.
Advanced migration tubes ensure high resolution.

SPECIFICATIONS

Model	BDRD-101
Explosives identify	A variety of military, civilian and homemade explosives: Black powder, AN, TNT, PETN, RDX, Trinitro, triazacyclohexane, nitroglycerin, COC, NG, Tetryl, HMX, DNT Aktobe, Te Quer, Tetry, dinitrotoluene (DNT), C4, Semtex etc.
Drugs identify	Cocaine hydrochloride, Heroin hydrochloride, Tetrahydrocannabinol, Methamphetamine, Ketamine hydrochloride (K powder), Morphine hydrochloride; Add new samples if necessary
Detect special explosive (unique)	TATP, HTD
Sampling	Dipstick tracking trace particles, and test strip wipe sampling
Databases	Open to user, can add new type explosive (current database includes 16 types narcotics and 18 types explosives)
Alarm	Audio and visual alarm with the substance's name displayed on the LCD screen
Sensitivity	Mix: Nanogram and 200 pictogram
Max Sensitivity level	50 pictogram TNT
Analysis speed	2-10 seconds
Warm-up time	Less than 20 minutes (hot-start: 3 minutes)
False alarm rate	≤ 1%
Detection rate	≥ 99%
Display	5-inch color touch screen
Built-in battery	Standby time up to 12 hours
Network function	LANx1, Bluetooth, Wi-Fi, USBx2 (support for keyboard, mouse, large storage etc.)
Operating temperature/Humidity	-20℃ ~ 55℃
Dimension	338x148x175 mm
Net weight	Less than 2.5 kg, lightweight, easy to carry
Storage	120 GB (500 GB option)
Power	24V/10A/DC
Power Adapter	Input 100-240V / AC 50-60 Hz
Alt Name	Explosives and Drug Detector

FEATURES

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USB interface, equipped with wireless keyboard.
High sensitivity: can detect 200 Picograms.
Advanced migration tubes ensure high resolution.
Automatically cleaning systems can prevent pollution.
Data open to users, can add new explosives and new drugs.
Dipstick can be reused.
Unlimited storage, USB port to output the data.

APPLICATIONS

Widely used in subway, railway, public security, border police, government Units, postal logistics, other key security zones, the human body clothing, luggage, drugs left on the surface of the goods, explosives, other prohibited items, suspicious objects can be quickly detected.

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