



## TRACE DRUG DETECTOR BDRD-203

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## PORTABLE EXPLOSIVES TRACE DETECTOR

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



- 3.2-inch color touch screen.
- Fast identify speed and accurate result.
- Fashionable design and light weight.
- Battery backup time: more than 12 hours.
- Top advanced IMS technology.
- Original Swiss imports of aviation plugs, built-in ultra-thin lithium battery.
- USB interface, equipped with wireless keyboard.
- High sensitivity: can detect at least 100 Nanogram powder, including fireworks and civil homemade explosives.
- High speed identification.
- Automatically cleaning systems can prevent pollution.
- Advanced migration tubes ensure high resolution.

## SPECIFICATIONS

Model	BDRD-203
Explosives identify	A variety of military, civilian and homemade explosives: Black powder, AN, TNT, PETN, RDX, nitroglycerin, Aktobe today, Te Quer, dinitrotoluene (DNT), C4, Semtex etc.
Drugs identify (Option)	Cocaine hydrochloride, Heroin hydrochloride, Tetrahydrocannabinol, Methamphetamine, Ketamine hydrochloride (K powder), Morphine hydrochloride; Add new samples if necessary
Sampling	Dipstick tracking trace particles, and test strip wipe Sampling
Databases	Open to user, can add new type explosive
Alarm	Sound / light
Sensitivity	Mix: Nanogram explosives, even pictogram sulfur
Sensitivity limit	100 Nanogram TNT
Analysis speed	< 5 seconds
Warm-up time	< 10 minutes
False alarm rate	≤ 1%
Detection rate	≥ 99%
Display	3.2-inch color touch screen
Operating temperature	-20°C ~ 55°C
Relative humidity	99.00%
Built-in battery	4 hours
Dimension (LxWxH)	320x270x78 mm
Device thickness	78 mm, ultrathin
Net weight	2.8 kg, easy to carry
Power Adapter	Input: 100-240V AC 50-60Hz, 2A; Output 20V / DC, 8A
Power	220/230V AC 50-60Hz / L
Consumption	< 300 W
Alt Name	Portable Explosives Trace Detector

## FEATURES

3.2-inch color touch screen.  
Fast identify speed and accurate result.  
Fashionable design and light weight.  
Battery backup time: more than 12 hours.  
Top advanced IMS technology.  
Original Swiss imports of aviation plugs, built-in ultra-thin lithium battery.  
USB interface, equipped with wireless keyboard.  
High sensitivity: can detect at least 100 Nanogram powder, including fireworks and civil homemade explosives.  
High speed identification.  
Automatically cleaning systems can prevent pollution.  
Advanced migration tubes ensure high resolution.  
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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