

# TRACE DRUG DETECTOR



# TRACE DRUG 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.

Used in Widely used in 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.

## DRD22-08 PORTABLE TRACE DRUG DETECTOR DT

2.8 inch TFT touch screen in color display.

Fast identify speed and accurate result.

Fashionable design and light weight.

Top advanced PIMS technology.

Battery backup time: more than 6 hours.

High sensitivity: can detect at least 100 Nanogram powder, including fireworks and civil homemade explosives.

High speed identify.

Advanced migration tube ensures high resolution.

Automatically cleaning system can prevent inject pollution.

Renewable gas purification system.

Data open to user, can add new explosive.

Dipstick can be reused.

Unlimited storage, USB port to output the data.



## SPECIFICATIONS

Model	DRD22-08
Explosives identify	A variety of military, civilian and homemade explosives: Black Powder, AN, TNT, DNT, Tetra, PETN, Gun Power, NG, RDX, fireworks, C4 etc.
Drugs identify	Drug, cocaine, opiates(Heroine and Morphine), cannabis, (Marijuana and Hashish) and amphetamine-type stimulants, (amphetamine, ecstasy & Methamphetamine)
Sampling	dipstick tracking trace particles
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	< 8 seconds
Warm-up time	< 20 minutes
False alarm rate	≤ 1%
Display	2.8 inch TFT color touch screen
Consumption	< 300W
Power	AC220V 50Hz
Operating temperature	-10°C ~ 55°C
Product size	470x170x165 mm
Weight	less than 5.5kg

# DRD23-08 DESKTOP TRACE DRUG DETECTOR DT

- 10 inch TFT touch screen in color display.
- Fast identify speed and accurate result.
- Friendly operation software.
- Built-in thermal printer.
- USB port and Network interface.
- High sensitivity: can detect at least 100 Nanogram powder, including fireworks and civil homemade explosives.
- High speed identify.
- Automatically cleaning system can prevent inject pollution.
- Advanced migration tube ensures high resolution.
- Renewable gas purification system.
- Data open to user, can add new explosive.
- Dipstick can be reused.
- Built-in printer can print test result at any time.
- Support network control and transfer.
- Unlimited storage, USB port to output the data.



## SPECIFICATIONS

Model	DRD23-08
Explosives identify	A variety of military, civilian and homemade explosives: Black Powder, AN, TNT, DNT, Tetry, PETN, Gun Power, NG, RDX, fireworks, C4 etc.
Drugs identify	Drug, cocaine, opiates(Heroine and Morphine), cannabis, (Marijuana and Hashish), and amphetamine-type stimulants, (amphetamine, ecstasy & Methamphetamine)
Sampling	dipstick tracking trace particles
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	< 8 seconds
Warm-up time	< 20 minutes
False alarm rate	≤ 1%
Display	10 inch TFT color touch screen
Consumption	< 300W
Power	AC220V 50Hz
Operating temperature	-10°C ~ 55°C
Product size	399x381x249 mm
Weight	less than 15kg

# DRD24-05 PORTABLE TRACE DRUG DETECTOR DT

- 3.2-inch color touch screen.
- Fast indentify 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 indentify.
- Automatically cleaning system can prevent inject pollution.
- Advanced migration tube ensures high resolution.
- Data open to user, can add new explosive and new drugs.
- Dipstick can be reused.
- Unlimited storage, USB port to output the data.



## SPECIFICATIONS

Model	DRD24-05
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	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
Consumption	< 300W
Power	220V AC 50-60Hz / Lithium battery
Power Adapter	Input 220V / AC 50-60Hz; Output 16V / DC
Operating temperature	-10°C ~ 55°C
Relative humidity	99%
Product size	320x270x78 mm
Weight	less than 3kg



# ***Centrifugen***

## **Centrifugen**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [info@centrifugen.com](mailto:info@centrifugen.com) | Website: [centrifugen.com](http://centrifugen.com)