

# Portable Trace Drug Detector LTDD-C10



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Portable Trace Drug Detector LTDD-C10 uses IMS (Ion Mobility Spectrometry) Technology to detect trace level of drugs. With higher sensitivity it detects explosive present in nanogram level in a test sample. Drugs like Cocaine hydrochloride, Heroin hydrochloride, Tetrahydrocannabinol, Methamphetamine, Ketamine hydrochloride (K powder), Morphine hydrochloride etc. can be detected using this drug detector. Features audio and visual alert system, internal space to add new explosive, clearing system, results displayed in few seconds etc. which makes it highly reliable. It has wide applications in investigation department, research labs and industries.

## Features

- Based on IMS Technology
- Detects explosives present in nanogram and sulphur present in pictogram
- Maximum 10 seconds required to show output
- High resolution ensured by advanced migration tube
- Auto clearing mode to minimise entry of pollution
- Renewable gas purification system
- New types of explosives can be added
- High sensitivity results
- Reusable dipstick
- Audio and visual alert system
- Large storage to avoid data loss
- Wireless keyboard for easier operation
- USB port available
- Bluetooth connection provided to transfer data
- Light weight, ergonomic design, provided with safety box
- Provided with handle for better grip

## Applications

It finds application in detection of various types of explosives and narcotics in firework industry, investigation department, airport security department, train stations, food industry etc.

## Specifications

Model No	LTDD-C10
Drug/Narcotic identification	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 wip Sampling
Database	can add new type explosive
Alarm	Sound / light
Sensitivity limit	100 Nanogram TNT
Analysis time	< 5 seconds
Warm-up time	Within 15 minutes
Built-in clearing system	Clear the system within 10 seconds
False alarm rate	≤ 1%
Detection rate:	≥ 99%
Display	3.2 inch TFT color touch screen
Power supply	220/230V AC 50-60 Hz / Lithium battery
Power Adapter	Input:100-240V AC 50-60Hz, 2A; Output 20V / DC, 8A
Built-in battery	4 hours

Power consumption	< 300 W
Rechargeable battery	2 to 4 hours
Operating temperature range	-20°C to 55°C
Relative humidity	99 %
Device thickness	78 mm, ultrathin
Dimension (L×W×H)	320 ×270 ×78 mm
Weight	2.8 kg