

labodam



***PORTABLE EXPLOSIVES AND
NARCOTICS DRUG DETECTOR
LD-LEPD-A10***

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Description:

Portable Explosives and Narcotics Drug Detector LD-LEPD-A10 uses IMS (Ion Mobility Spectrometry) technology to detect trace level of explosives and narcotics. With higher sensitivity it detects explosive/ narcotics present in nanogram and picogram level in a test sample. Various explosives like Black Powder, Ammonium Nitrate (AN), TNT, PETN, RDX, nitro-glycerine, Octo, Tetra, Dinitrotoluene (DNT), C4, Semtex, TATP, etc. and various narcotics like Heroin (HER), Cocaine (COC), Ecstasy (LSD), Ecstasy (MDMA), Methamphetamine (MET), Ketamine (KET), Morphine (MOP), Duloxetine, Ephedrine, etc. can be detected. Features like audio and visual alert system, password lock option, touch screen display, results displayed in few seconds etc. makes it highly efficient. It has wide applications in investigation department, research labs and industries.

Application:

It is widely used in Airport, police, railways security department, research labs etc. to detect traces of explosives and narcotics.

Features:

- Adopts IMS Technology
- Displays location map
- Detection within few seconds
- Remote operation available
- Option to add new samples by users
- Self-diagnosis of the sample
- Audio and visual alert system
- 5 inch touch screen to view and pre-set parameters
- Battery last up to 4 to 5 hours
- Light weight, ergonomic design, user friendly interface
- Handle provided for better grip

Specification:

Model no.	LD-LEPD-A10
Detectable explosives	Black Powder, Ammonium Nitrate (AN), TNT, PETN, RDX, nitro-glycerine, Octo, Tetra, Dinitrotoluene (DNT), C4, Semtex, TATP, etc.
Detectable narcotics	Heroin (HER), Cocaine (COC), Ecstasy (LSD), Ecstasy (MDMA), Methamphetamine (MET), Ketamine (KET), Morphine (MOP), Dulentine, Ephedrine, etc.
Sensitivity	nanogram to picogram
Alarm mode	voice + information display
Sampling type	Non-contact suction sampling
Analysis time	2 to 10 secs
Warm-up time	≤ 20 mins
Working temperature	-10 °C to 55 °C
Working humidity	≤ 95%
Display screen	LCD Touch screen
Battery	2, 22.2 V Lithium Ion Rechargeable Battery
Power	220 V AC 50-60 Hz
Weight	≤ 3.8 kgs (with battery)
Data connectivity	USB, RJ45
Data storage	≥ 240,000 data
Dimensions (L x W x H)	440 x 140 x 150 mm