

IONSCAN 500DT

Simultaneous Explosives and Narcotics Trace Detector

Feature Highlights:

- Simultaneous detection of explosives and narcotics
- Over 40 substances detected and identified in 5-8 seconds
- Large touch-screen color display
- Internal data storage
- Built-in thermal printer

The **IONSCAN 500DT** fills the growing need of security professionals to have the ability to detect a wide range of substances and to be able to adapt as threats and their needs change. By incorporating two IMS detectors in a single unit, the **IONSCAN 500DT** is capable of detecting and identifying explosives and narcotics during a single analysis, while maintaining the high sensitivity you need.

The **IONSCAN 500DT** includes a regenerative Air Purification System (APS), which reduces maintenance and cost of ownership and utilizes specially developed proprietary software. With the increased internal memory, more analysis results can be stored. These results can be printed with the built-in printer and exported via the USB port.



SPECIFICATIONS

Technology	Dual Ion Mobility Spectrometry (IMS) technology
Operating Modes	Explosives/Narcotics simultaneous, Explosives only, Narcotics only
Explosives Detected	RDX, PETN, NG, TNT, HMX, TATP and others
Narcotics Detected	Cocaine, Heroin, Amphetamine, Methamphetamine, MDA, THC and others
Sensitivity	Explosives: picogram range Narcotics: sub-nanogram range
Analysis Time	5 - 8 seconds
Warm-up Time	30 minutes
Input Voltage	95-265VAC, 50-60 Hz 600W cold, 300W warm
Power	110/220V
Weight	19 kg (43 lbs.)
Dimensions (L x H x D)	40 x 31 x 40 cm (16" x 12.5" x 16") with screen down 40 x 57 x 40 cm (16" x 22.5" x 16") with screen up
Display	26.42 cm (10.4"), color TFT touch-screen display
Printer	Built-in thermal
Operating Temperature Range	0°C to 40°C (32°F to 104°F), less than 95% humidity, non-condensing