

EVD 2500

Portable Explosives Vapor Detector

Introducing the EVD 2500 Portable Explosives Detector from Scintrex Trace, manufacturer of some of the most advanced chemical detection systems in the world, including its exclusive GC-IMS, EVD, NDS, and Chemiluminescence lines of trace detection.

Operating the EVD 2500

The EVD 2500 is the world's lightest and most rugged portable trace explosives detector. The EVD 2500 can detect a full range of explosive vapors, including ICAO taggants, and is the easiest and most robust vapor detector on the market. The unit is ready in 60 seconds, and provides a response in 15 seconds. The latest upgrades in sample collection and processing techniques make it one of the most sensitive units ever.

The EVD 2500 is flexible and easy to operate, offering explosive detection without the use of a radioactive source or external carrier gas. Vapors are sampled directly via the sampling nozzle. The EVD 2500 starts processing samples immediately and gives results in just seconds. All results are indicated on the LCD and by a volume-adjustable audio alarm, making detection a simple one step process.

Portable: The EVD 2500 is self-contained, rugged, and lightweight (less than 1.5 kg). Should the user desire both vapor and particulate detection by swiping a suspected object, however, the preferred model will be the highly proven and improved EVD 3000A.

Easy to Use: Within one minute of power-up, the unit is ready for use. The simple push of a button automatically

activates the sampling and analysis mode.

Better Value!: Less costly to budget and operate. No internal consumables, and no radiation calibrations, licenses or certificates to struggle with.

Proven: The EVD 2500 uses the same proven sensor technology as the advanced EVD 3000A. Improvements have resulted in greatly increased sensitivity, sampling and battery life.

Sensitive and Selective: The EVD 2500 can detect even minute vapor traces of TNT, Dynamite, EGDN, DMNB, RDX, Nitroglycerine, including ICAO taggants and tagged plastic explosives (most to the lower nanogram levels).





From the world's most robust and recognized portable explosives vapor trace detector series, the EVD 2500 is ideal for:

- Police and Law Enforcement
- Embassies
- Customs and Border Crossings
- Government Buildings
- Military Defense
- Peacekeeping and Armament Control
- Nuclear Facilities
- Courts of Law
- VIP Protection
- Mail Screening
- Commercial
- Prisons
- Forensic Investigations
- Railway, Bus and Subway Terminals
- Passenger Ships and Special Events

...Worldwide

Provided By:
SECURITY DETECTION

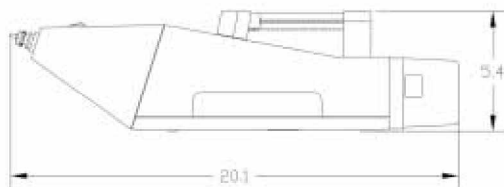
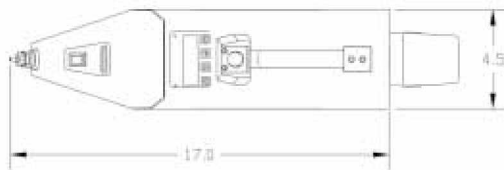
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SPECIFICATIONS*

DETECTION PRINCIPLE	Electrochemical (Thermo-Redox) detection. No external carrier gas. No radioactive source
DETECTABLE COMPOUNDS	TNT, Dynamite, EGDN, DMNB, Nitroglycerine, ICAO Taggants and tagged plastic explosives.
SAMPLING CAPABILITIES	Vapors by advanced sample collection and processing techniques
TYPICAL SAMPLE/ANALYSIS TIME	Sample: 5-30 seconds (user selectable based on application) Analysis: 10 seconds
WARM-UP TIME	One minute with regular use
CARRIER GAS	None required (ambient air)
CONTROLS	Power switch Keypad Vapor/particulate selector Volume control
OPERATIONAL STATUS INDICATORS	LED indicator lights 4 x 20 LCD graphic display Audible alarm (with optional earphone)
DATA STORAGE + COMMUNICATIONS	1000 retrievable data records RS-232 serial output port for remote control and monitoring
POWER SUPPLY	12 volt DC rechargeable battery pack External battery pack 12 volt AC adapter
OPERATING + STORAGE TEMPERATURES	Operating: -5°C to +55°C (+23°F to +131°F) Storage: -5°C to +65°C (+23°F to +149°F)
WEIGHT + DIMENSIONS	Unit weight: Less than 1.5 kg (3.3 lbs.) Unit dimensions (LxWxH): 51x26x39 cm / 22x10x15" Shipping weight: 10.5 kg (26 lbs.) in protective case and boxed Shipping dimensions (LxWxH): 57x26x39 cm / 22x10x15"
WARRANTY	One year return to manufacturer



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