



## EVD 3000

### For Hand-held Explosives Detection

**Introducing the EVD 3000 Hand-held 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 3000**

The EVD 3000 is flexible and easy to operate, offering both vapor and particulate sampling without the use of a radioactive source or external carrier gas. Vapors are sampled directly via the sampling nozzle. Particulates are sampled by swiping a suspected object with cotton gloves and then transferring the traces to a screen which is inserted into the sampling port. This dual capability enables users to select the most suitable method of sampling for the explosives of interest. The EVD 3000 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. For a vapour-only version of the EVD, ask for the EVD 2500, also a good value.

The EVD 3000 is the world's first and most recognized portable explosives trace detector with comprehensive explosives detection capabilities. Ready to operate in only 60 seconds, and providing a response in 15 seconds, the EVD 3000 is the only hand-held device capable of detecting the presence of plastic and high-vapor-pressure explosives, including taggants. If portability, quick detection and clear results are crucial, then this is the explosives detector needed. The EVD 3000 detects traces of both particulates and vapors, allowing for non-invasive searches of luggage, mail, vehicles, documents and containers.

**Portable:** The EVD 3000 is self-contained, rugged, and lightweight (less than 3.0 kg). and comes in a fully equipped, rugged carrying case—ready to use when

**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. Results are displayed on an easy-to-read LCD making the EVD 3000 ideal for all non-technical personnel.

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

**Proven:** The EVD 3000 has proven to be capable of detecting plastic and high-vapor-pressure explosives – giving clear results you can trust.

**Sensitive and Selective:** The EVD 3000 can detect even minute vapor traces of C-4, TNT, Dynamite, PETN, Semtex, EGDN, DMNB, RDX, and Nitroglycerine, including ICAO taggants and tagged plastic explosives.

*Celebrating 65 years of excellence in design & support*

AUTOCLEAR

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Canada Europe Middle East U.S. Latin America Hong Kong Singapore



From the world's first and most recognized portable explosives trace detector, the EVD 3000 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**

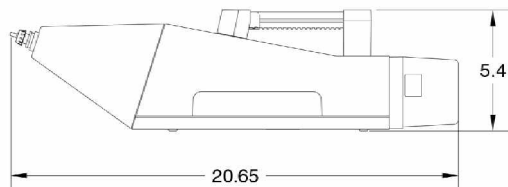
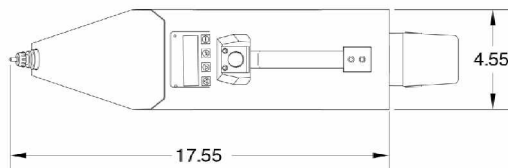
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**SPECIFICATIONS\***

<b>DETECTION PRINCIPLE</b>	Electrochemical (Thermo-Redox) detection. No external carrier gas. No radioactive source
<b>DETECTABLE COMPOUNDS</b>	Most military and commercially available explosives, including ICAO Taggants (DMNB, EGDN, o-MNT, p-MNT).
<b>SAMPLING CAPABILITIES</b>	Vapors and particulates
<b>TYPICAL SAMPLE/ANALYSIS TIME</b>	Sample: 5-30 seconds (user selectable based on application) Analysis: 10 seconds
<b>WARM-UP TIME</b>	One minute with regular use
<b>CARRIER GAS</b>	None required (ambient air)
<b>CONTROLS</b>	Power switch Keypad Vapor/particulate selector Volume control
<b>OPERATIONAL STATUS INDICATORS</b>	LED indicator lights 2 x 16 character LCD for status messages Audible alarm (with optional earphone)
<b>DATA STORAGE + COMMUNICATIONS</b>	896 retrievable data records RS-232 serial output port for remote control and monitoring
<b>POWER SUPPLY</b>	12 volt DC rechargeable battery pack External battery pack 12 volt AC adapter
<b>OPERATING + STORAGE TEMPERATURES</b>	Operating: -5°C to +55°C (+23°F to +131°F) Storage: -5°C to +65°C (+23°F to +149°F)
<b>WEIGHT + DIMENSIONS</b>	Unit weight: 2.61kg (5.75 lbs.) Unit dimensions (LxWxH): 44.58x11.58x13.72 cm / 17.55x4.55x5.4" Shipping weight: 13.18 kg (29 lbs.) in protective case and boxed Shipping dimensions (LxWxH): 58x26x38 cm / 23x10x15"
<b>WARRANTY</b>	One year return to manufacturer



ISO 9001:2000  
FM 63785



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