

## EVD 3000

### Hand-held Dual-Mode Particulate and Vapour Explosives Detector

The EVD 3000 Hand-held Explosives Detector from Scintrex Trace, manufacturer of some of the most advanced explosive and chemical detection systems in the world, including its exclusive GC-IMS, EVD, NDS, and Chemilux lines of trace detection.

#### Operating the EVD 3000

EVD 3000 is flexible and easy to operate, offering both vapour and particulate sampling without any radioactive source or consumables. Vapours 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. 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.

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-vapour-pressure explosives, including taggants. Portable, quick, with clear results, EVD 3000 detects traces of both particulates and vapours, non-invasively searching luggage, mail, clothing, electronic articles, cars, trucks, documents and containers.

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

→ **Easy to Use:** Ready to use within a minute of power-up. Simple push-button automatic sampling with go/no go read-outs displayed on easy-to-read LCD. EVD 3000 is ideal for non-technical personnel.

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

→ **Proven:** EVD 3000 is capable of detecting plastic and high-vapour-pressure explosives – giving clear results you can trust.

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



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

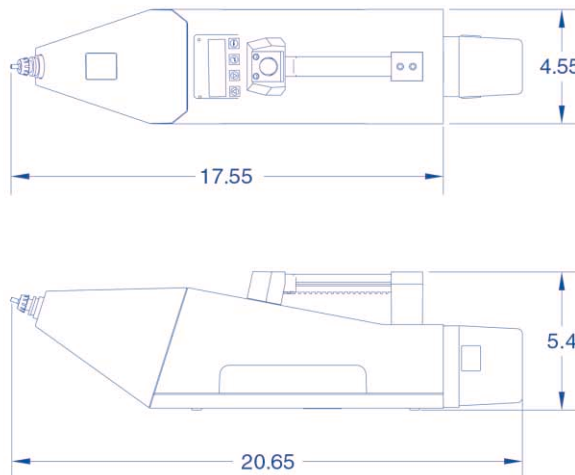
- Police and Law Enforcement
- Embassies
- Customs and Border Crossings
- Government Buildings
- Military Defense
- Peacekeeping and Armament Control
- Nuclear Facilities
- Courts of Law
- VIP Protection
- Mail Screening
- Commercial
- Prisons
- Forensic Investigations
- Railway, Bus and Subway Terminals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

**...Worldwide**

**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>	Vapours 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 Vapour/particulate selector Volume control Sample switch
<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: 2.61 kg (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"

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