



WESTMINSTER
INTERNATIONAL LTD

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Protecting your world



EVD3000 Hand Held Explosives Detector

The EVD 3000 is a flexible and easy to operate portable hand held explosives detector, capable of both vapour and particulate sampling, which does not use a radioactive source or any consumables.



Vapours are sampled directly by vacuum into 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 EVD3000 starts processing samples immediately and gives results in seconds.

All results are indicated on the LCD and by a volume-adjustable audio alarm, making detection a simple one-step process.

Applications

- ▶ Airports;
- ▶ Border crossings;
- ▶ Commercial;
- ▶ Corporate or VIP Headquarters;
- ▶ Correctional institutions;
- ▶ Courts of law;
- ▶ Embassies or Consulates;
- ▶ Federal buildings;
- ▶ Field or Forensic use;
- ▶ Government buildings;
- ▶ Military defense;
- ▶ Nuclear facilities;
- ▶ Police & bomb squads;
- ▶ Postal stations;
- ▶ Railway, Bus, Subway terminals;
- ▶ Seaports and Containerships;
- ▶ Special events.

Features

The EVD3000 is the world's first and most recognised portable explosives trace detector with comprehensive explosives detection capabilities.

It can be ready to operate in only 60 seconds and provides a response in 15 seconds.

The EVD3000 is the only hand-held device capable of detecting the presence of plastic and high vapour pressure explosives, including taggants.

Portable, quick operation, with clear results, it will detect traces of both particulates and vapours, non-invasively searching luggage, mail, clothing, electronic articles, cars, trucks, documents and containers.

Portable

The EVD3000 is self-contained, rugged, and lightweight - less than 3.0 kg, and comes in a fully equipped, rugged carrying case.

WI Code: 10027/2

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The Association of
Police and Public
Security Suppliers



The Defence
Manufacturers
Association



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Easy to use

Ready to use within a minute of power-up, simple push-button automatic sampling with go/no go readouts displayed on an easy-to-read LCD. It is ideal for use by non technical personnel.

Better value

Less costly to budget and operate, no internal consumables, and no calibrations, radiation licenses or certificates to worry about.

Proven

The EVD3000 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.

Specifications

- ▶ Detection system: Thermo-Redox detector no radioactive source;
- ▶ Sampling Methodology: Vapor and particle sampling;
- ▶ Sensitivity & detectable compounds: Most military and commercially available explosives such as C4, TNT, Dynamite, PETN, Semtex, EGDN, DMNB and Nitroglycerine, including ICAO Taggants (DMNB, EGDN, o-Mint, p-Mint);
- ▶ Controls: Power switch, audio control and vapor / particulate selector;
- ▶ Warm-up time: 1 minute with regular use up to a maximum of 5 minutes after extended shutdown;
- ▶ Typical sample analysis time: Sample: 7-10 Seconds;
- ▶ Operational status indicators: LED Indicators, ready, measure, alarm; 2 x 16 character LCD for status messages, standby battery voltage, battery, ready, sample mode, measuring detector voltage;
- ▶ Alarm audio indicator: Volume-adjustable alarm with earphone;
- ▶ Output: RS-232 for remote control monitoring;
- ▶ Power supply: 12-volt DC rechargeable battery for one hour use; 1 hour recharge time);
- ▶ Radioactive source: Not used;
- ▶ Operating temperature: -5°C to +55°C;
- ▶ Storage temperature: -5°C to +65°C;
- ▶ Weight: 3 Kg;
- ▶ Dimensions: Length 51cm x Width 14cm x Height 11cm;
- ▶ Shipping weight: 10 kg;
- ▶ Shipping dimensions: Length 54cm x Width 23cm x Height 37cm.

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