



**WESTMINSTER**  
INTERNATIONAL LTD

Excellence through Service  
**Protecting your world**



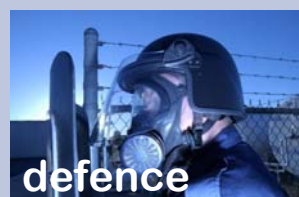
**fire**



**safety**



**security**



**defence**

## EVD3200 Portable Explosives Detector

The EVD3200 is the world's first trace explosives detector based on Luminol Chemilux. EVD3200 is the only portable device capable of detecting tagged military and commercial explosives, including ICAO taggants, and TATP.



Portable, quick detection with clear, accurate results, very high selectivity for explosives and immunity to humidity problems. EVD3200 detects explosive vapours, non-invasively in luggage, mail cars, trucks, clothing, electronic articles, backpacks and containers.

### Operating the EVD3200

EVD3200 is flexible, easy to use, and no carrier gas or radioactive sources are employed. Vapours are collected via the sampling nozzle.

- ▶ **Fast and Proven:** EVD3200 detects tagged plastic and high vapour pressure explosives quickly – giving clear results you can trust;
- ▶ **Sensitive and Selective:** EVD3200 can detect tagged (C4, Semtex) and high vapour pressure explosives such as NG, EGDN, DMNB, TNT and TATP, with low false alarm levels and few interferences;
- ▶ **Portable:** EVD3200 is self-contained, lightweight, less than 3 kg (6.6 lbs), and comes in a fully equipped, rugged carrying case-field ready;
- ▶ **No Radioactive Isotopes or Radioactivity;**
- ▶ **Easy to Use:** EVD3200 is ready to use within a minute from power-up. When necessary, cleaning takes only a few seconds. Simple one step push-button automatic operation. Go/no go results displayed in just seconds on the LCD

WI Code: 10592

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The Association of  
Police and Public  
Security Suppliers



The Defence  
Manufacturers  
Association



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# EVD3200 Portable Explosives Detector

## The EVD3200 is ideal for:

- ▶ Police & Bomb Squads;
- ▶ Airports;
- ▶ Customs;
- ▶ Military Defence;
- ▶ Seaports and Containerships;
- ▶ Field or Forensic Use;
- ▶ Nuclear Facilities;
- ▶ Embassies or Consulates;
- ▶ Courts of Law;
- ▶ Postal Stations;
- ▶ Corporate or VIP Headquarters;
- ▶ Commercial;
- ▶ Correctional;
- ▶ Federal buildings;
- ▶ Railway, Bus and Subway Terminals;
- ▶ Special Events, Leases, Rentals.

## Specifications

<b>Detection Principle</b>	Luminol Chemilux – Disposable cartridge
<b>No Radioactivity</b>	No radioactive source, no licensing.
<b>Detectable Compounds</b>	Most tagged explosives, TNT, Nitroglycerin, Dynamite, PETN, ICAO Taggants, (DMNB, EGDN), and TATP and other peroxide explosives
<b>Sampling Capabilities</b>	Vapours
<b>Typical Sample Time</b>	5-30 seconds (user selectable based on application)
<b>Analysis Time</b>	Within 20 seconds
<b>Warm-Up Time</b>	60 seconds
<b>Carrier Gas</b>	None required (ambient air)
<b>Controls</b>	Power switch Keypad Volume control (with optional earphone) Sample switch
<b>Operational Status Indicators</b>	LED indicator lights Liquid Crystal Display (LCD) with graphic display
<b>Data Storage Communications</b>	1000 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 Temperature</b>	0°C to +55°C (+32°F to +131°F)
<b>Storage Temperature</b>	0°C to +65°C (+32°F to +149°F)
<b>Unit Weight</b>	3 kg (6.6 lbs.) in ABS engineered plastic shielded case
<b>Shipping Weight</b>	14 kg (31 lbs.)
<b>Unit Dimensions</b>	(LxWxH): 51x14x11 cm / 20x5.5x4.3"
<b>Shipping Dimensions</b>	(LxWxH): 52x26x39 cm / 22x10x14"
<b>Warranty</b>	One year

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