

# EVD3500

## Handheld Portable Explosive Trace Detector

Product Code: 10042



WESTMINSTER  
GROUP PLC

### Key Features



Easy to read



Battery powered



Detects homemade, military and explosive compounds



Portable



Rapid results



Laboratory-grade accuracy



### Overview

This Portable Explosives Trace Detector is an ideal solution for fast and accurate detection of homemade, military and commercial explosive compounds, including ICAO taggants, plastics, ammonium nitrates, black powder and peroxide-based explosives such as TATP and HMTD.

The device uses chemiluminescence in order to deliver laboratory-grade accuracy when detecting explosive compounds. Its lightweight thermoplastic housing and portability makes it a perfect solution for detecting compounds while on the field.

The detector analyses both particulates and vapours, and delivers accurate, easy to read results in seconds. It delivers unsurpassed speed and reliability for detecting the most dangerous and cleverly concealed threats.

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## General Specifications

<b>Detector</b>	Chemiluminescence
<b>Analysis Time</b>	16 Seconds
<b>Explosives Detected</b>	PETN, RDX, TNT, Dynamite, Semtex, C-4, Black Powder, Ammonium and Urea Nitrates, NG, ICAO taggants, EGDN and DMNB, TATP, Peroxides, Chlorates
<b>Sensitivity</b>	Nanogram
<b>Sample Collection</b>	Particulates and vapours
<b>Warm-up Time</b>	None, after 1 minute start
<b>Alarms</b>	LED indicator lights and audible alarm
<b>Unit Weight</b>	3.0 kg (6.6 lbs.) with battery
<b>Unit Dimensions</b>	L50.0 x W14.0 x H11.0 cm L20.0 x W5.5 x H4.3 in.
<b>Shipping Weight</b>	15.3 kg (33.7 lbs.)
<b>Shipping Dimensions</b>	L74.0 x W30.0 x H45.0 cm L21.1 x W11.8 x H17.7 in.
<b>Power Supply</b>	12 V DC rechargeable 4 hour battery pack
<b>Input Voltage</b>	90-254 VAC, 50-60 Hz universal switching
<b>Operating Temperature</b>	0° to 55°C (32° to 131°F)
<b>Storage Temperature</b>	-5° to 65°C (23° to 149°F)
<b>Communications</b>	RS-232 serial output port
<b>Data Storage</b>	1,000 retrievable data records
<b>Options</b>	12 V AC battery, external battery, printer

