

# E3500 EXPLOSIVES TRACE DETECTOR

Detects Explosives



CHEMILUX®

TRACE DETECTION



The rugged E3500 explosives trace detector uses Chemilux to detect homemade, military and commercial explosives, including ICAO taggants, plastics, ammonium nitrate, black powder, other nitrates and peroxide-based explosives such as TATP and HMTD.

- > Delivers laboratory-grade accuracy to the field
- > Rapid, accurate and easy to read results in seconds
- > Detects nitrogen-, ammonia- and peroxide-based explosive compounds
- > Battery powered for true portability

#### APPLICATIONS:

- > Force Protection
- > Customs
- > VIP Screening
- > Embassies and Consulates
- > Royal and Diplomatic Protection
- > Critical Infrastructure
- > High Security Events



Build to withstand rough handling and tough environments, the E3500 packs potent detection capability into a light-weight, durable thermoplastic housing. The handheld E3500 analyzes both particulates and vapors in seconds, without the need for radioactive isotopes or carrier gases.

A global leader in explosives, chemical and narcotics detection, Scintrex Trace is Autoclear's Canadian-based trace detection division. Like Autoclear's flagship X-ray systems, these products deliver unsurpassed accuracy, speed and reliability for detecting the most dangerous and cleverly concealed threats.

## SPECIFICATIONS

<b>Detector:</b>	Chemilux
<b>Analysis Time:</b>	16 seconds
<b>Detects:</b>	Military, commercial and homemade explosives: C4, TNT, NG, dynamite, black powder, PETN, Semtex, RDX, ANFO, ICAO taggants (DMNB, EGDN, o-MNT, p-MNT), ammonium and urea nitrates, TATP and peroxides
<b>Detection Level:</b>	Nanogram sensitivity
<b>Sample Collection:</b>	Particulates and vapors
<b>Warm-up Time:</b>	None, after one minute start
<b>Alarms:</b>	LED indicator lights Large LCD display for status messages Audible alarm
<b>Power Supply:</b>	12 volt DC rechargeable six hour battery pack 12 volt AC adapter
<b>Voltage:</b>	90-264 VAC, 47-63 Hz universal switching
<b>Unit Weight:</b>	2.7 kg (5.9 lb)
<b>Unit Dimensions:</b>	50 x 14 x 11 cm (20 x 5.5 x 4.3 in)
<b>Shipping Weight:</b>	14 kg (31 lb)
<b>Shipping Dimensions:</b>	52 x 26 x 39 cm (22 x 10 x 14 in) (L x W x H)
<b>Operating Temp:</b>	0° to 55°C (32° to 131°F)
<b>Storage Temp:</b>	-5° to 65°C (23° to 149°F)
<b>Communication:</b>	RS-232 serial output port
<b>Data Storage:</b>	1000 retrievable data records
<b>Options:</b>	Earphone



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