E3500 EXPLOSIVES TRACE DETECTOR

Detects Explosives

By Autoclear

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 perioxide-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

E3500

TRACE DETECTION



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

Detector:	Chemilux
Analysis Time:	16 seconds
Detects:	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
Detection Level:	Nanogram sensitivity
Sample Collection:	Particulates and vapors
Warm-up Time:	None, after one minute start
Alarms:	LED indicator lights Large LCD display for status messages Audible alarm
Power Supply:	12 volt DC rechargeable six hour battery pack 12 volt AC adapter
Voltage:	90-264 VAC, 47-63 Hz universal switching
Unit Weight:	2.7 kg (5.9 lb)
Unit Dimensions:	50 x 14 x 11 cm (20 x 5.5 x 4.3 in)
Shipping Weight:	14 kg (31 lb)
Shipping Dimensions:	52 x 26 x 39 cm (22 x 10 x 14 in) (L x W x H)
Operating Temp:	0° to 55°C (32° to 131°F)
Storage Temp:	-5° to 65°C (23° to 149°F)
Communication:	RS-232 serial output port
Data Storage:	1000 retrievable data records
Options:	Earphone

scintrex trace
By Autoclear

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Manufactured in Canada by Scintrex Trace.

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