E3500
TRACE DETECTOR

Detects Explosives

CHEMILUMINESCENCE

E 3500

scintrex trace
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The rugged E3500 uses chemiluminescence to detect homemade, military and commercial explosive compounds, 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- and peroxide- based explosives
> Battery powered for portability

APPLICATIONS:

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

E3500 SPECIFICATIONS

Comes field-ready in a protective case / backpack with two batteries, charger, trace samples, sampling screens and other accessories.

Built 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:	Chemiluminescence
Analysis Time:	8 seconds
EXPLOSIVES Detected:	PETN, RDX, TNT, dynamite, Semtex, C-4, black powder, ammonium and urea nitrates, NG, ICAO taggants, EGDN and DMNB, TATP, peroxides, chlorates
Sensitivity:	Nanogram
Sample Collection:	Particulates and vapors
Warm-up Time:	None, after one minute start
Alarms:	LED indicator lights and audible alarm
Power Supply:	12 V DC rechargeable four hour battery pack
Input Voltage:	90-264 V AC 50/60 Hz universal switching
Unit Weight:	3.0 kg (6.6 lbs.) with battery
Unit Dimensions: (L x W x H)	50.0 x 14.0 x 11.0 cm 20.0 x 5.5 x 4.3 in.
Shipping Weight:	8.63 kg (19 lbs.)
Shipping Dimensions: (L x W x H)	72.0 x 41.5 x 32.0 cm 28.4 x 16.3 x 12.6 in.
Operating Temperature:	0° to 55° C (32° to 131° F)
Storage Temperature:	-5° to 65° C (23° to 149° F)
Communication:	RS-232 serial output port
Data Storage:	1,000 retrievable data records
Options:	12 V AC battery, external battery, printer