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
Build to withstand rough handling and harsh environments, the E3500 packs potent detection capability into a lightweight, 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:** 16 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 VAC, 50-60 Hz universal switching
- **Unit Weight:** 3.0 kg (6.6 lbs.) with battery
- **Unit Dimensions:** 50.0 x 14.0 x 11.0 cm (L x W x H)
  20.0 x 5.5 x 4.3 in.
- **Shipping Weight:** 15.3 kg (33.7 lbs.)
- **Shipping Dimensions:** 74.0 x 30.0 x 45.0 cm (L x W x H)
  29.1 x 11.8 x 17.7 in.
- **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:** 1,000 retrievable data records
- **Options:** 12 V AC battery, external battery, printer