

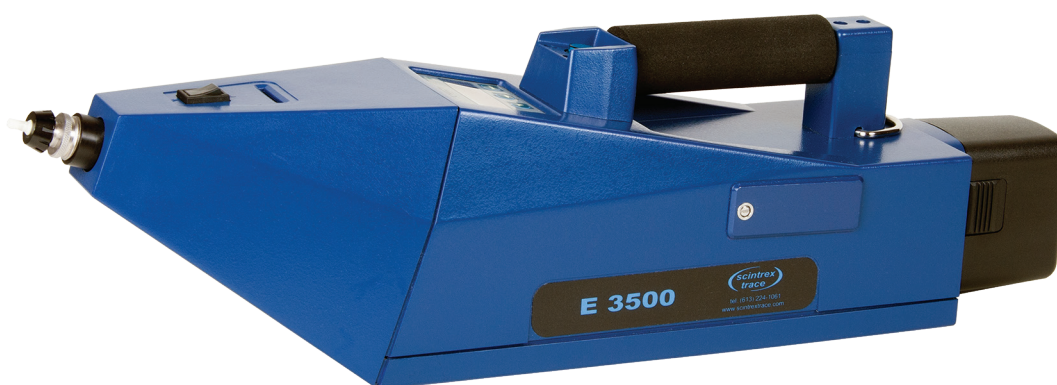
# E3500 TRACE DETECTOR

Detects Explosives



CHEMILUMINESCENCE

TRACE DETECTION



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 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>	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 vapors
<b>Warm-up Time:</b>	None, after one minute start
<b>Alarms:</b>	LED indicator lights and audible alarm
<b>Power Supply:</b>	12 V DC rechargeable four hour battery pack
<b>Input Voltage:</b>	90-264 VAC, 50-60 Hz universal switching
<b>Unit Weight:</b>	3.0 kg (6.6 lbs.) with battery
<b>Unit Dimensions:</b> (L x W x H)	50.0 x 14.0 x 11.0 cm 20.0 x 5.5 x 4.3 in.
<b>Shipping Weight:</b>	15.3 kg (33.7 lbs.)
<b>Shipping Dimensions:</b> (L x W x H)	74.0 x 30.0 x 45.0 cm 29.1 x 11.8 x 17.7 in.
<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>	1,000 retrievable data records
<b>Options:</b>	12 V AC battery, external battery, printer



#### World Headquarters

2 Gardner Road  
Fairfield NJ 07004 USA

**Tel. 1 973.276.6000**  
**Toll-free 1 800.231.6414**  
Fax. 1 973.276.6162  
info@a-clear.com

#### Autoclear/Scintrex

300 Parkdale Ave., Ottawa  
Ontario, Canada K1Y 1G2

**Tel. 1 613.224.1061**  
Fax. 1 613.224.2603  
info@scintrextrace.com

ISO 9001-2008 REGISTERED

2011-2014 © Autoclear, CheckGate®, Control Screening®, Dynavision®, HandWand® and Scintrex® are among our many registered trademarks. All rights reserved. Autoclear reserves the right to update this information presented in this document at anytime, without notice.