

Comes field-ready, in a protective case with two batteries, charger, trace samples and accessories, strap, ten cartridges, sampling screens, gloves, tools and manual.



E3500 Chemilux® Advanced Explosives Trace Particulate & Vapour Handheld

From the leading and most experienced producer of advanced explosives and contraband detectors worldwide, including the widely deployed Chemilux, GC-IMS and EVD detection lines.

The E3500 is the world's first explosives trace handheld based on Luminol Chemilux® (chemiluminescence). It detects military, commercial, even **homemade** explosives, liquid and powdered, such as TATP and other related peroxides, ICAO taggants, plastics, ammonium nitrate, black powder, and other nitrates.

The E3500 has high selectivity to explosives and immunity to weather and environmental interference. For a Chemilux vapour model which also identifies the explosive, select the E3100. For an affordable, vapour-only model, select the E3200.

For non-invasively searching luggage, mail, vehicles, clothing, electronic articles, backpacks, documents and containers by:

**Military • Police • Bomb Squads • Customs
Government Facilities • Hotels • Palaces
Embassies • Checkpoints • Power Plants
Events • Courts • Rail • Airports • Seaports
Access Control • Hotels • Forensics • Mail**

Features and Benefits

- ✓ **Advanced, Flexible, Dual Mode:** the E3500 is flexible and easy to use, the world's most field-friendly, advanced and specific vapour and particulate handheld. Suspect particulates are "swiped" into the unit and vapours easily sampled at the front.
- ✓ **Easy to use:** displays definitive results in seconds on a bright LCD screen. One button operation. Auto baseline correction.
- ✓ **Sensitive, selective, proven:** reliably detects plastic and high-vapour-pressure explosives, even minute, low nanogram traces of C-4, TNT, Dynamite, PETN, Semtex, EGDN, DMNB, RDX, Nitroglycerine, and detects ICAO taggants, TATP, and peroxides, with few interferents, minimizing false alarms and confirming hits.
- ✓ **No radioactivity, period. No** isotopes, radiation calibrations, safety risks, carrier gas, certificates or licenses to deal with. **None.**
- ✓ **Very portable & rugged:** self-contained, field rugged and light (less than 2.7 kg - 5.9 lbs). Greater battery life.
- ✓ **Lower maintenance:** fewer consumables. Cleanings take only seconds.
- ✓ **Environmentally immune:** especially resistant to contamination or effects from exhaust, humidity, rain, aerosols or pollutants.

70 years leading innovation in checkpoint detection & support



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 sw@autoclearus.com

Our widest range, most field-friendly handheld, the E3500 is ideal for:

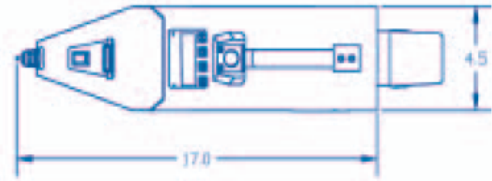
- Military Defense
- Police
- Airports
- Customs & Borders
- Seaports and Ships
- Field or Forensic Use
- Bomb Squads
- Embassies or Consulates
- Courts & Correctional
- Postal Stations
- Corporate or VIP Bases
- Checkpoints
- Government Facilities
- Railway, Bus and Subway Terminals
- Special Events, Leases, Rentals
- Nuclear Facilities
- Hotels & Banks

...Worldwide

SPECIFICATIONS

| | |
|---|--|
| DETECTION PRINCIPLE | Luminol Chemilux® – Disposable cartridge |
| NO RADIOACTIVITY | No radioactive or gas source, no licensing, no isotopes |
| DETECTABLE COMPOUNDS | Military (including plastic), commercial and homemade explosives: C4, TNT, Nitroglycerin, Dynamite, PETN, Semtex, RDX, ANFO, ICAO Taggants, (DMNB, EGDN, o-MINT, p-MNT), Urea nitrate, and peroxides. |
| SAMPLING CAPABILITIES | Vapours and particulates - Dual Mode |
| TYPICAL SAMPLE/ANALYSIS TIME | Sample: 5-30 seconds (user selectable based on application) Analysis: within 16 seconds |
| WARM-UP TIME | None (after daily one minute start) |
| CARRIER GAS | None required (ambient air) |
| CONTROLS | Power switch Keypad Vapour/Particulate selector Volume control (with optional earphone) Sample switch |
| OPERATIONAL STATUS INDICATORS | LED indicator lights Large LCD display for status messages Audible alarm (with optional earphone) |
| DATA STORAGE + COMMUNICATIONS | 1000 retrievable data records RS-232 serial output port for remote control and monitoring |
| POWER SUPPLY | 12 volt DC rechargeable battery pack External battery pack, spare battery, 12 volt AC adapter |
| OPERATING + STORAGE TEMPERATURES | Operating: 0°C to +55°C (+32°F to +131°F) Storage: 0°C to +65°C (+32°F to +149°F) |
| WEIGHT + DIMENSIONS | Unit weight: Less than 2.7 kg (5.9 lbs.) in ABS engineered shielded case Unit dimensions (LxWxH): 51x14x11 cm / 20x5.5x4.3" Shipping weight: 14 kg (31 lbs.) Shipping dimensions (LxWxH): 52x26x39 cm / 22x10x14" |
| WARRANTY | One year; other warranties available |

ISO 9001-2000 REGISTERED



www.scintrextrace.com

For more Info & Price Quote, Please Contact:

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