

SCINTREX 4500 Series

E4500 TABLETOP HIGH-SPEED GAS CHROMATOGRAPHY- CHEMILUX DETECTOR

A Better Breed of Trace Detection

The E4500 is the world's first tabletop high-speed Gas Chromatography-Chemilux detector for automatically pinpointing homemade, military and commercial explosives, such as RDX, PETN, TNT and TATP. The E4500 delivers clear go/no go results in just 15 seconds, and never requires carrier gases or radioactive isotopes. Rugged and field-ready, the unit is housed in a waterproof, dust-proof and crush-proof case.

APPLICATIONS

- **FORCE PROTECTION**
- **CUSTOMS**
- **VIP SCREENING**
- **EMBASSIES AND CONSULATES**
- **ROYAL AND DIPLOMATIC PROTECTION**
- **CRITICAL INFRASTRUCTURE**
- **HIGH SECURITY EVENTS**



all-clear all-clear develops state-of-the-art threat detection solutions designed to help secure vital interests against terrorism, theft and violence. Bringing together the ideal blend of physical equipment, planning, support and service, all-clear delivers a better breed of checkpoint security for high risk venues and applications.

The E4500 portable desktop identifies traces of commercial, military and homemade explosives. Designed to withstand the most rugged environments, the unit is virtually impervious to outside contaminants. Featuring a robust, reusable sampling screen and an easy-to-read display, the E4500 is extremely convenient to set up, operate and maintain.

Detects most military and commercial explosives, PETN, RDX, TNT, Dynamite, Semtex, C-4, black powder, ammonium and urea nitrates, NG, ICAO taggants, EGDN and DMNB, TATP, and peroxides.

E4500 Specifications

Detector:	Gas Chromatography-Chemilux®
Analysis time:	Within 15 seconds
Detection level:	Subnanogram sensitivity
Sampling capabilities:	Particle
Warm-up time:	20 minutes maximum from a cold start
Sample time:	User selectable 5 to 60 seconds
Power supply:	16 volt DC rechargeable battery pack 16 volt AC adapter
Data storage: backup storage	1,000 retrievable data records with SD flash memory for unlimited
Operating temperature:	32°F to 131°F (0°C to 55°C)
Storage temperature:	23°F to 149°F (-5°C to 65°C)
Unit weight:	30.9 lbs (14 kg) with battery pack and accessories
Unit dimensions:	20.6" x 16.9" x 8.1" (52.4 cm x 42.8 cm x 20.6 cm)
Shipping weight:	33.2 lbs (15 kg)
Shipping dimensions:	20.9" x 18.1" x 9.1" (53 cm x 46 cm x 23 cm)
Control:	5.6" LCD touchpad
Communications:	RS-232 serial output port

WORLDWIDE HEADQUARTERS

Toll Free: 1-800-231-6414

WORLD HEADQUARTERS & LABS

2 Gardner Road,
Fairfield, NJ 07004-2206 USA

Tel: + 1 (973) 276-6161
Fax: + 1 (973) 276-6162
info@a-clear.com

ISO 9001-2000 REGISTERED

CANADA

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

Tel: + 1 (613) 224-1061
Fax: + 1 (613) 224-2603
info@a-clear.com

all-clearTM
a-clear.com