E4500
TRACE DETECTOR

Detects Explosives

scintrex trace

By Autoclear

GAS CHROMATOGRAPHY-CHEMILUMINESCENCE

TRACE DETECTION

The E4500 is the world's first portable tabletop GC-chemiluminescence detector for automatically pinpointing homemade, military and commercial explosives, such as RDX, PETN, TNT and TATP. The high-speed E4500 delivers clear go/no go results in as little as 15 seconds, and never requires carrier gases or radioactive isotopes.

> Delivers laboratory-grade accuracy to the field

> Clear, accurate results in seconds

> Detects nitrogen- and peroxide-based explosive compounds

> Battery powered for true portability

APPLICATIONS:

> Force Protection

> Customs

> VIP Screening

> Customs

> Embassies and Consulates

> Royal and Diplomatic Protection

> Critical Infrastructure

> High Security Events

E4500

Designed to withstand the most rugged environments, the E4500 is virtually impervious to outside contaminants. Featuring a robust, reusable sampling screen and an easy-to-read display, this lightweight unit is easy to operate and maintain.

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:	Gas chromatography-chemiluminescence
Analysis Time:	15 to 60 seconds
Explosives Detected:	Most military and commercial explosives, including PETN, RDX, TNT, dynamite, Semtex, C-4, NG, tetryl and other peroxides such as TATP and HMTD, ammonium and urea nitrates, Detasheet®
Sensitivity:	Sub-nanogram
Sample Collection:	Particulates
Warm-up Time:	20 minutes maximum from a cold start
Alarms:	Visual graphic and audible alarm
Power Supply:	14.4 V DC rechargeable battery 12 V AC adapter
Input Voltage:	90-264 VAC, 50-60 Hz universal switching
Unit Weight:	8.3 kg (18.3 lbs.) with power supply
Unit Dimensions: (L x W x H)	43.2 x 35.6 x 20.3 cm 17.0 x 14.0 x 8.0 in.
Shipping Weight:	15.0 kg (33.1 lbs.)
Shipping Dimensions: (L x W x H)	48.3 x 48.3 x 48.3 cm 19.0 x 19.0 x 19.0 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 with SD memory card slot for additional data storage
Options:	External battery, printer

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