E5000/EN5000 TRACE DETECTOR

Detects Explosives or Narcotics

scintrex trace

By Autoclear

GAS CHROMATOGRAPHY-ION MOBILITY SPECTROMETRY

TRACE DETECTION

The 5000 Series desktop systems deliver fast, accurate and reliable analysis results when screening for traces of explosives or narcotics. The combination of gas chromatography and ion mobility spectrometry technology provides operators with a highly selective and sensitive system designed for high throughput environments. Simple sampling and a large color touchscreen display makes the system operator friendly, while low consumable and daily maintenance requirements keep cost of ownership low.

> Delivers laboratory-grade accuracy to the field

> Rapid, accurate and easy to read results in seconds

> Detects nitrogen- and peroxide-based explosive compounds

> Detects cocaine, THC, methamphetamines and heroin

APPLICATIONS:

> Force Protection

> Transportation

> VIP Screening

> Customs and Borders

> Embassies and Consulates

> Royal and Diplomatic Protection

> Critical Infrastructure

> High Security Events

E5000/EN5000

Convenient front-loading sample tray.

Available configurations include the explosives-only detector (E5000) or the explosives or narcotics detector (EN5000).

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-ion mobility spectrometry (GC-IMS)
Analysis Time:	6–40 seconds (adjustable)
Explosives Detected:	PETN, RDX, TNT, NG, dynamite, Semtex, C-4 and others (programmable)
Narcotics Detected:	Cocaine, opiates, THC, heroin, amphetamine-type stimulants and others (programmable)
Sensitivity:	Explosives: picogram Narcotics: nanogram
Sample Collection:	Particulates
Warm-up Time:	Under 30 minutes from cold start
Alarms:	Visual graphic and audible alarm
Power Supply:	AC/DC 24 V
Input Voltage:	85-264 VAC 47/63 Hz
Unit Weight:	26.2 kg (57.8 lbs.) with power supply
Unit Dimensions: (L x W x H)	80.9 x 53.3 x 38.1 cm 31.9 x 21.0 x 15.0 in.
Shipping Weight:	45.0 kg (99.2 lbs.)
Shipping Dimensions: (L x W x H)	67.0 x 49.0 x 69.0 cm 26.4 x 19.3 x 27.2 in.
Operating Temp:	15° to 35°C (59° to 95°F) up to 90% humidity, non-condensing
Storage Temp:	-5° to 65°C (23° to 149°F)
Communication:	RS-232 serial output port
Data Storage:	35,000 retrievable data records