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 chromatoraphy 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, fentanyl, heroin and others

APPLICATIONS:

> Force Protection
> Transportation
> VIP Screening
> Customs and Borders
> Embassies and Consulates
> Royal and Diplomatic Protection
> Critical Infrastructure
> High Security Events

E5000 / EN5000 SPECIFICATIONS

Convenient frontloading 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, dynamite, Semtex, C-4, NG, and others
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:	Built-in AC/DC 24 V
Input Voltage:	85/264 VAC 47/63 Hz
Unit Weight:	32.9 kg (72.3lbs.)
Unit Dimensions: (L x W x H)	42.0 x 54.0 x 28.0 cm 16.5 x 21.2 x 11 in.
Shipping Weight:	53 kg (116.6 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 Temperature:	15° to 35° C (59° to 95° F) up to 95% humidity, non-condensing
Storage Temperature:	-5° to 65° C (23° to 149° F)
Communication:	Ethernet
Data Storage:	500 GB SSD