

E5000/ EN5000 Desktop Explosives & Narcotics Trace Detector



WESTMINSTER
GROUP PLC

Product Code: 10337

Key Features



Visual and audible alarm



Explosive & drug detection



Low consumable and daily maintenance requirements



Adjustable analysis time



Less than 30 minute warm-up time



Large colour touchscreen display



Overview

The E5000 Desktop Detector provides fast, accurate and reliable analysis results, and is ideal for use at customs and borders, critical infrastructure and high security events.

The combination of ion mobility spectrometry technology and gas chromatography provides operators with a highly selective, sensitive system designed for use in environments with a high throughput.

Simple sampling with a large colour touchscreen display makes the system operator friendly, while low consumable and daily maintenance requirements keep cost of ownership low.

Available configurations include the explosives-only detector, the E5000, or the explosives and narcotics detector, EN5000

Features

Laboratory-grade accuracy

Rapid results in seconds

Detects nitrogen- and peroxide-based explosive compounds

Detects cocaine, THC, methamphetamines, fentanyl, heroin and others

Large colour touchscreen display

E5000 Desktop Explosives & Narcotics Detector



Specifications

Detector: Gas-chromatography-ion mobility spectrometry (GC-IMS)

Analysis time: 6-40 seconds (adjustable)

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

Unit dimensions: L42 x W54 x H28 cm

Shipping weight: 53 kg

Shipping dimensions: L67 x W49 x H69 cm

Operating temperature: 15° to 35° C, up to 95% humidity, non-condensing

Storage temperature: -5° to 65° C

Communication: Ethernet

Data storage: 500 GB SSD

Explosives detected	Drugs detected
PETN	Cocaine
RDX	Opiates
TNT	THC
Dynamite	Heroin
Semtex	Amphetamine-type stimulants
C-4	Others (programmable)
NG	
Others	



Convenient frontloading sample tray