EN5000 Desktop Explosives & Narcotics Trace Detector

Product Code: 2040–34

WESTMINSTER
GROUP PLC

Key Features

Visual & Audible Alarm

Narcotics & Explosive Detection

Low Consumable & Maintenance Requirements

Adjustable Analysis Time

Under 30 Minute Warm-up Time

Large Colour Touchscreen Display

Overview

The EN5000 Desktop Explosives & Narcotics Trace 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 as an explosives-only detector, Model E5000..

Features

Laboratory-grade Accuracy

Rapid Results in Seconds

Detects Nitrogen & Peroxide-Based Explosive Compounds

Detects Cocaine, THC, Methamphetamines, Fentanyl, Heroin & Others

Large Colour Touchscreen Display

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

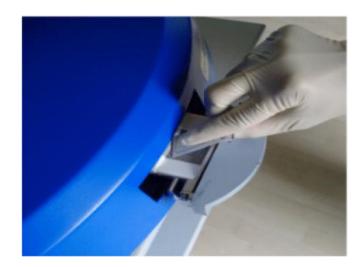**Operating temperature:** 15° to 35° C, up to 95% humidity, non-condensing

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