

CLX Trace Explosives & HME Precursors Detector



WESTMINSTER
GROUP PLC

Product Code: 2040-64

Key Features



Easy to Use



Quick Warm Up Time



Detects Explosives & Precursors



Portable



Rapid results < 1 Minute



Laboratory-grade accuracy



Overview

The CLX Trace Explosives & HME Precursors Detector is a handheld advanced trace detection system for military and homemade explosives including precursors.

It uses a chemiluminescence detector and an MOS sensor array, samples are collected from contaminated surfaces with a high efficiency swab or with the use of a portable external vapor sampler.

It will detect Nitric acid, Perchlorate, Chlorate, Sulfur, Hydrogen peroxide, Picric acid, AN, NG, HMX, RDX, TNT, TETRYL, ETN, R-Salt, C4, SEMTEX, TATP, HMTD, HNS, CL-20, UN, ANFO.

It can be used by operators at security checkpoints with minimal training.

If a threat is present or if it is not the operator is informed within seconds.

It has been designed to withstand rough handling and tough environments.

Features

Gas Chromatography-Surface Ionisation Detector

Portable

Easy to use

Battery powered

Rapid results

No radioactive isotopes or carrier gases used

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General Specifications

Detector	Chemiluminescence detector and an MOS sensor array
Detectable Compounds	Nitric acid, Perchlorate, Chlorate, Sulfur, Hydrogen peroxide, Picric acid, AN, NG, HMX, RDX, TNT, TETRYL, ETN, R-Salt, C4, SEMTEX, TATP, HMTD, HNS, CL-20, UN, ANFO
Alarm Capability	Audible, visual & vibration
Sensitivity / Detection Limits	ng; ppb
Analysis Time	< 1 minute
Warm-up Time	5 minutes maximum from a cold start
Power Supply	AC/DC Line Power; Lithium Battery; hot-swappable
Unit Weight	1.9 kg with battery
Unit Dimensions	25 cm x 17 cm x 18 cm
Operating Conditions	-20°C to 50°C
Ruggedness	Dust; Waterproof / Resistant; Extreme Temperatures / Humidity; IP54
Data Analysis Support Equipment	Built-in digital camera to photograph inspected items for documentation purposes