

# Tracer 1000 Desktop Explosive and Narcotic Analyser



WESTMINSTER  
GROUP PLC

Product Code: 2040-07

## Key Features



Mass Spectrometry Technology



ECAC & TSA Certified



Near Zero False Alarm Rate



10-15 Second Typical Analysis Time



Fully Automated Internal Calibration



LCD Touch Screen User Friendly Interface



## Overview

The Tracer 1000 sets a new standard for security screening. ECAC & TSA certified, it harnesses the power of advanced Mass Spectrometry — the world's gold standard for chemical detection — to deliver ultra-high accuracy with near-zero false alarms.

Designed for today's demands, the Tracer 1000 requires significantly reduced downtime with only a daily calibration required, using fewer consumables, and keeps operating costs low with simple to operate features.

Future proofing with un-matched detection capability of Mass Spectrometry with an unlimited library which continues to grow, identifying thousands of Narcotics, Explosive and CWAs.

Fast. Reliable. Innovative. The Tracer 1000 is the smarter choice for airport and high-security environments worldwide.

## Features

- The First ECAC certified Mass Spectrometer Explosive Trace Detector
- Low total cost of ownership as fewer consumables annually
- Daily Calibration Required for maximum uptime
- Near Zero False Alarm Rate
- Simple to train and operate

## Specifications

- **Applications:**  
Explosives only, Explosives/Narcotics, Narcotics only \*Certified/Approved configurations will be explosives only
- **Detector:**  
Linear Ion Trap Mass Spectrometer
- **Sampling:**  
Trace-level particulate swab sampling
- **Analysis Time:**  
~10 seconds typical
- **Library Capacity:**  
Future proofed – readily expandable library to detect new threats
- **Ionization:**  
Non-radioactive Mass Spec ionization
- **Swabs:**  
Multi-use Teflon<sup>®</sup>-coated fiberglass swabs
- **Calibration:**  
Fully automated internal calibration
- **Alarm Method:**  
Visual Threat ID & Audio
- **Connectivity:**  
Ethernet, (2) USB 2.0 ports
- **Weight:**  
27.2 kg (60 lbs)
- **Display:**  
25.6 cm (10.10 LCD touch-screen-user friendly interface)
- **Dimensions:**  
36 cm W x 45 cm D x 53 cm H  
(14.3" W x 18.1" D x 21" H)
- **Operating Temperature:**  
0 to 40°C (0-104°F)
- **Operating Humidity:**  
≤95% (non-condensing)
- **Storage Capacity:**  
250 GB
- **Printer:**  
Built-in printer
- **Power:**  
110 VAC / 230 VAC, 50 Hz / 60 Hz
- **Warm-Up Time:**  
20 min – 30 min  
continuous power-on preferred)
- **Regulatory:**  
UL, CE, RoHS, FCC Class A
- **Safety:**  
No radioactive components
- **Explosive Detection:**  
Military, Commercial-grade, HMEs, IEDs, RDX, TNT, PETN, ETN, NG, AN, UN, HMTD, TATP, EGDN, Tetryl, Picric acid, smokeless powders, HMX, etc.
- **Narcotics Detection:**  
Illegal and controlled narcotics including Fentanyl, Cocaine, Heroin, Xylazine, Spice/K2, Ketamine, opioids, etc.