

THREAT ID

Identify solids, liquids, gas/vapors, and complex mixtures in real-time.

ThreatID gives emergency and military responders the ability to accurately identify a vast range of chemical threats with a single, portable battery-operated system.



Identify

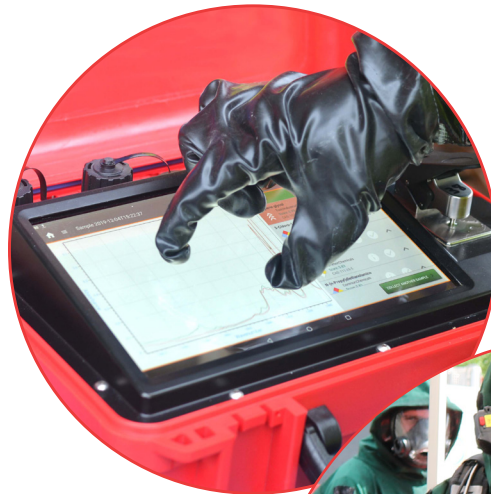
23,000+ solids/liquids

5,600+ gas/vapors

- » Chemical warfare agents (CWAs)
- » Hazardous Chemicals
 - TICs
 - TIMs
 - VOCs
- » Explosives & Narcotics

Features:

- » 10 second conversion from powders and liquids to gases/vapors
- » No alignment, calibration, or configuration required
- » Simple operation
- » Designed for use in harsh environments
- » No downtime from oversaturation
- » 24/7/365 Reachback
- » Built-in wireless communication
- » Ability to create your own custom search libraries





Specifications

Technology	FTIR (Fourier Transform Infrared Spectroscopy)
Sample Type	Powders, Liquids, Gases Interchangeable
Solids Measurement	Diamond ATR (Attenuated Total Reflectance)
Gas Measurement	4 meter, multi-pass gas cell, 160ml volume
Size	14" x 11" x 6"
Weight	15 lbs
Integrated Computer	Quad-core 64-bit CPU, 4GB RAM, 64GB SSD
Operating System	Android
Display	10" HDMI, Touchscreen
Connections	USB 2.0 WiFi (802.11 G) Bluetooth Ethernet
Camera	Integrated sample surface camera, GPS antenna
Power	Rechargeable, hot-swappable batteries. 4+ hours each. Line power transformer, 100 - 240 VAC, 50/60 Hz
Power Connector	Rugged, waterproof, IP67
Alarms	Protein, Explosive, CWA, Water, Mixture, Low Signal
Libraries	23,000 powder and liquid 5,600 gas and vapor TICs, Narcotics, CWA, Explosives, Consumer Products, Chemicals, Pharmaceuticals
Search Techniques	Primary (Correlation) Automated Mixture Search Functional Groups
Database	ThreatAssist; integrated chemical information database
Decon	Spray or wipe-down with bleach or detergent
Reachback	24/7/365 Support Automated Reachback Email On-line support and troubleshooting