

ThreatID

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

Multi-threat Identification

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:

- Transition from gas/vapor sampling to powder and liquids in seconds, no tools required
- 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" × 11" × 6" (35.56cm × 27.94 cm × 15.24)
Weight:	15 lbs (6.8 kgs)
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
Power Connector:	Rugged, waterproof, IP68
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:	Threat Assist; 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