

RedWave's ThreatID: Complete portable powder, liquid, and gas phase identification.

The innovative ThreatID quickly identifies unknown threats providing the information you need to address the situation.

Pairing cutting edge technology with innovative software features and 24/7/365 Reachback support, the ThreatID provides sample identification you can rely on.



Using proven FTIR technology, it not only identifies solids and liquids, but also gases which pose the greatest danger to responders.



POWDERS & LIQUIDS MODULE

- Identifies over 22,000 Toxic Industrial Chemicals (TICs), Consumer Products, Narcotics, CWA, Explosives, Chemicals, and Pharmaceuticals
- Indestructible Diamond ATR sample interface
- Identifies components of complex mixtures and warns the user of dangerous samples.



GASES MODULE

- Identifies over 5,500 Toxic Industrial Gases (TICs), Volatile Organic Compounds (VOCs), Refrigerants, and Hydrocarbons.
- Detect samples at relevant concentrations, as low as 25 ppm.
- Allows PID correction for accurate concentration
- Headspace and confined space measurement

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, Toughscreen
Connections	USB 2.0 WiFi (802.11 G) Bluetooth Ethernet
Camera	Integrated sample surface camera, GPS antenna
Power Connector	Rugged, waterproof, IP67
Alarms	Protein, Explosive, CWA, Water, Mixture, Low Signal
Libraries	23,000 powder and liquid 5,500 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



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