

RedWave's XplorIR: Detect and Identify thousands of gases in seconds.

The XplorIR accurately identifies a vast array of airborne chemical threats with unmatched portability and sensitivity.

Continuous, automatic detection of gases and vapors in real-time.

Rapid answers in less than 20 seconds for results.



Pair with your existing PID for true identification and quantification.

GAS & VAPOR IDENTIFICATION

- Identifies Toxic Industrial Chemicals (TICs), Volatile Organic Compounds (VOCs), CWA Agents, Solvents, Hydrocarbons, Petroleum products, and more
- No sample preparation required
- Robust unit is built for reliable operation in harsh environments, including high temperature and humidity.

INNOVATIVE SOFTWARE

- Simplified user interface provides essential information for the end user
- Threat Assist database provides key technical and safety information about the sample
- Data immediately shared wirelessly with the TeamLeader App for archiving, remote viewing and advanced processing

Technology	FTIR (Fourier Transform Infrared Spectroscopy)
Sample Type	Gases
Gas Measurement	1.8 meters, multi-pass gas cell, 38ml volume
Size	5.8" x 12" x 5.6"
Weight	5.5 lbs
Operating Temp.	0 to 50C (32 to 122F), 0-95% RH
Operating Humidity	0-95% non-condensing
Battery Life	3.5 hours
Connections	GPS WiFi (802.11 G) Bluetooth
Ruggedness	Dust; Waterproof/Resistant; IP 54
Sample Pump	Active, 1 l/min
Identification Time	< 20 seconds
Libraries	5,500+ Gases & Vapors. TICs, CWAs, VOCs, WMDs, Industrial Chemicals, Solvents, Hydrocarbons,
Power	Rechargeable Li Ion battery, 3.5 hour run time Line power transformer, 100 – 240 VAC, 50/60 Hz, waterproof external connector
Database	ThreatAssist; integrated chemical information database
Decon	Spray, wipe-down or dunk with bleach or detergent
Warranty	1 Year Warranty 24/7/365 Support Reachback with data analysis
Remote Data Access	TeamLeader: App available for download on Apple or Google Play

