

XplorIR

Continuously detect, identify, and quantify complex gas mixture threats in real-time

Accurate, Actionable Gas Identification

XplorIR® is the only handheld gas/vapor detector that can accurately detect, identify, and quantify over 5,600 chemical threats in seconds. Use XplorIR to continuously monitor environments or operate in point-and-shoot mode for isolated target intelligence. XplorIR also enables quantification of more than 5,000 chemicals, delivering actionable insights when time matters most.

Continuously monitor 5,600+ gas/vapors:

- Chemical Warfare Agents
 - Nerve Agents
 - Blister Agents
 - Choking Agents
- Hazardous Chemicals
 - TICs
 - TIMs
 - VOCs

Features:

- Clear, visible results in seconds
- Quantification of thousands of hazardous chemicals
- Adaptive atmospheric corrections
- Part per million (ppm) level sensitivity
- Simple operation
- Designed for use in harsh environments
- 24/7/365 Reachback
- Provides accurate ID of up to 6 components in real-time even within complex gas mixtures.



Specifications

Technology:	FTIR (Fourier Transform Infrared Spectroscopy)
Sample Type:	Gases/Vapors
Gas Measurement:	1.8 meters, multi-pass gas cell, 38ml volume
Size:	5.8" × 12" × 5.6" (14.73cm × 30.48cm × 14.22cm)
Weight:	5.5 lbs (2.49 kgs)
Operating Temperature:	0 to 50° C (32 to 122° F)
Operating Humidity:	0-95% non-condensing
Battery Life:	6 hours
Connections:	GPS WiFi (802.11 G)
Ruggedness:	Dust; Waterproof/Resistant; IP 54
Sample Pump:	Active, 1 l/min
Identification Time:	< 30 seconds
Libraries:	5,600+ Gases & Vapors TICs, CWAs, VOCs, WMDs, Industrial Chemicals, Solvents, Hydrocarbons
Power:	Rechargeable Li Ion battery
Database:	ThreatAssist; integrated chemical information database
Decon:	Spray or wipe-down with bleach or detergent
Warranty/Support:	1 Year Warranty 24/7/365 Support Reachback with data analysis
Remote Data Access:	Team Leader App available for download on iOS, Android, and Windows devices