

Product Datasheet

ProtectIR

Chemical Detector

The portable ProtectIR from 908 Devices allows the user to confidently identify thousands of chemical threats anywhere. Compact and lightweight, it's the ideal "grab and go" platform for rapidly assessing chemical threats.

Identify 23,000+ Solids and Liquids

- Hazardous Chemicals
 - TICs
 - TIMs
 - VOCs
- Narcotics, including fentanyl
- Explosives

Features

- Clear, visible results in seconds.
- Simple operation.
- Designed for use in harsh environments.
- 24/7/365 Reachback.
- Built-in wireless communications.



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Specifications

General	
Technology	FTIR (Fourier Transform Infrared Spectroscopy)
Sample Type	Solids, Liquids
Sample Interface	Diamond ATR (Attenuated Total Reflectance)
Size	61.51 cm × 23.5 cm × 7.62 cm (6.5" × 9.25" × 3")
Weight	2.27 kgs (5 lbs)
Frequency Range	4000 - 650 cm
Resolution	4 cm
Display	4.3", 480 × 272
Connections	GPS WiFi (802.11 G)
Durability	IP67, Mil spec 810G
Search Technique	Automated Mixture and Consumer Product Searches
Detection Time	< 30 seconds
Alarms	Protein, Explosive, CWA, Water (as an interferent)
Libraries	23,000+ Powders and Liquids TICs, Narcotics, CWA, Explosives, Consumer Products, Chemicals
Power	Rechargeable Li Ion battery, 6 hour run time Line power transformer, 100 - 240 VAC, 50/60 Hz
Database	ThreatAssist; integrated chemical information database
Decontamination	Spray or wipe-down or dunk with bleach or detergent
Warranty/Support	1 Year Warranty 24/7/365 Support Reachback with data analysis
Remote Data Access	TeamLeader App available for download on Apple or Google Play

Specifications are subject to change without notice.
For the most up-to-date specifications, please visit www.southernscientific.co.uk

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