DETECT AND IDENTIFY THOUSANDS
OF GASES IN SECONDS





Less than 20 seconds for results

SENSITIVE:

Detection and Identification at concentrations down to low ppm

SPECIFIC:

Positive identification of gases and vapors using proven FTIR technology





Detect and identify more than 5,500 gases and vapors including:

- TICS
- Petroleum Products
- Solvents
- Industrial Chemicals

- VOCs
- CWA Agents
- Refrigerants
- Common Gases

IDENTIFICATION PROVIDES THE VITAL INFORMATION TO SAFELY CHARACTERIZE AND MANAGE DANGEROUS EVENTS

EASE OF USE:

No sample prep required! Continuous, automatic detection of gases and vapors in real-time

ROBUST:

Works in the harshest environments including high temperature and high humidity

COMPLEMENTARY:

Pair with your existing PID for true identification and quantification



SIMPLE, INTUITIVE SOFTWARE





- Continuous monitoring or point and shoot
- Groundbreaking automated data analytics provides confident answers even in challenging conditions
- Critical information displayed with every result: GHS symbols, IDLH, LEL, Ionization Energy
- All data immediately archived and viewable on the Cloud





REDWAVE INTRODUCES THE "TEAMLEADER" APP

- 1. Access to current XplorIR results from anywhere
- 2. Real-time XplorIR GPS location
- 3. Access to proprietary threat database
- 4. 24/7 access to Reachback





KNOW THE
HAZARDS IN
REAL TIME



DETECTION AND IDENTIFICATION OF CRITICALLY IMPORTANT COMPOUNDS

FUNCTIONAL SPECIFICATIONS:

| Size | 5.8" x 12" x 5.6" |
|---------------------------------------|--|
| Weight | 5.5 lbs |
| Operating Temperature | 0 to 50 C |
| Operating Humidity | 0-95% non-condensing |
| Battery Life | 3.5 hours |
| Battery Charge Time | 3 hours |
| Gas Cell Volume | 38 ml |
| Sample Pump | Active, 1 l/min |
| Identification Time | < 20 seconds |
| WiFi | Yes |
| BlueTooth | Yes |
| GPS | Yes |
| Screen | Sunlight readable, full color, 320x240 |
| Dynamic Atmospheric Correction | Yes |
| Libraries | 5,500 compounds, VOC, TICs, WMD |
| Ingress Protection (IP) | 5,4 |

IDENTIFY OVER 5,500 COMPOUNDS INCLUDING:

ITF-40 LIST

Acrolein

Acrylonitrile

Allyl Alcohol

Ammonia

Arsine

Boron Trifluoride

Carbon Monoxide

Cyanogen Chloride (CK)

Diborane

Dimethylamine

Ethylene Oxide

Formaldehyde

Hydrazine

Hydrogen Chloride

Hydrogen Cyanide

Hydrogen Fluoride

Hydrogen Sulfide

Methyl Hydrazine

Nitric Acid

Nitrogen Dioxide

Phosgene

Phosphorus Trichloride

Phosphoryl Trichloride

Propylene Oxide

Sulfur Dioxide

OTHER COMMON MATERIALS

Acetylene

Benzene

Butadiene

Butane

Carbon Dioxide

Carbon Tetrachloride

Chloroform

Diethyl Ether

Ethyl Alcohol

Flammable Liquids

Fluothane

Gasoline

Hydrochloric Acid

Methane

Methanol

Methylene Chloride

n-Butyl Nitrite

Nitrous Oxide

Phosphine

Propane

Refrigerant Gases

Solvents

Sulfur Hexafluoride

Trichloroethylene

Xylenes

