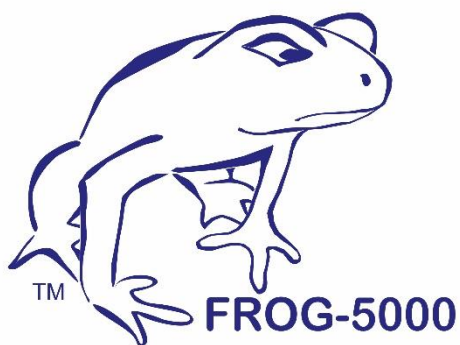


www.defiant-tech.com



Chemical Detection Range	Vinyl Chloride (MW 62.5)	2-Methyl Napthalene (MW 142.2)
Boiling Point @ 1 atm	-13.3 °C	244.7 °C
Vapor Pressure @ 25 °C	2980 mmHg	0.067 mmHg
Instrument Specifications		
PID Lamp	10.6 eV energy	
GC Column	2.5 meter or 5.2 meter	
Weight	4.8 lbs.	
Dimensions	10 x 7.5 x 14.5 inches	
Battery Life:	Nine hours, or external power	
Interface:	Standard RS-232 port	

Portable Gas Chromatography for VOCs



Vapor Intrusion



Defiant Technologies Inc

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**Introducing the FROG-5000™
by Defiant Technologies, Inc.**

Publication 20170301

Hand-Held Gas Chromatography



Screening with Meaning

One Instrument - 3 Media

Features

- ✓ Chemical identification and concentration in under 10 minutes
- ✓ Highly Portable – Only 4.8 lbs. (2.1kg)
- ✓ 9- Hour Battery Life
- ✓ No specialty gases required
- ✓ Easy to program GC temperature
- ✓ Simple calibration process
- ✓ Quantitative results display on screen
- ✓ Chromatograms display real-time on computer
- ✓ Easy-to-use analysis software
- ✓ All test data stored in on-board memory

Applications:

Environmental Monitoring
Industrial Hygiene
Indoor Air Quality
Vapor Intrusion
Process Monitoring
Laboratory and Field Analysis



Analyze Air

- Continuous air monitoring
- No traps or canisters
- EPA Method TO17 Adaptation



Analyze Soil

- Integrated purge-and-trap
- Direct analysis or extraction
- EPA Method 5030/5035



Analyze Water

- Integrated purge-and-trap
- No sample storage needed
- EPA Method 5030/8021

