

Rental

Flame Ionization Detector

Photovac MicroFID

For accurate, reliable detection of VOCs in fugitive emissions or environmental applications. The Photovac MicroFID is the right choice in Flame Ionization Detection. At just 8.1 lbs. (3.7 kg), the MicroFID is the smallest and lightest data logging Flame Ionization Detector (FID) available.

FEATURES

- **Detect up to 50,000 ppm VOCs including methane confidently and reliably**
- **Easy to learn and use**
Single push button tutorial prompts you through operation
- **Data is displayed and logged in less than three seconds within the concentration range of 0.1-50,000 ppm**
- **Designed for field use**
The MicroFID is completely self contained in a single handheld package so transportation and operation are simplified
- **Up to 15 hours of run time with replaceable and rechargeable battery packs**
- **Reliable results that measure up**
For trouble-free measurement of soil gases where the response factor consistency of an FID is mandatory



SPECIFICATIONS

Weight	8.1 lbs. (3.7 kg)
Keypad	16-key, fixed function
Display	2-line, 16-character LCD with alphanumeric readout
Hydrogen Cylinder Discharge	Greater than 12 hours
Hydrogen Cylinder Capacity	9.2 liters
Battery Capacity	15 hours (snap-on replacement)
Serial Output	RS-232, 1200-19200 baud with no parity, for tabular and graphic printouts and connection to a Windows® compatible computer
Audio Output	On Alarm, LoBatt (Low Battery), and NoFlm (No Flame)
Analog Output	0-1 volt full scale
Operating Temperature Range	41°F to 105°F (5°C to 45°C)
Operating Humidity	0-100% Relative Humidity (non-condensing)
Operating Concentration Range	0.5 ppm to 2000 ppm methane equivalent (low range) 10 ppm to 50,000 ppm methane equivalent (high range)
Detection Limit	0.5 ppm methane
Accuracy	Methane (after calibration with zero air and 500 PPM methane gas): within ±0.5 PPM or ±10% of actual methane concentration (0.5 ppm to 2000 ppm range)
Response Time	Less than 3 seconds
Intrinsic Safety	Class I, Division 1, Groups A, B, C, & D CENELEC certified according to EN50021, EEx nA II T5, Demko No. 00Y127355X

CALL GEOTECH TODAY (800) 833-7958

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