

MicroFID



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Detectable Compounds

Saturated Hydrocarbons - Methane, Ethane, Propane, n-Hexane

Aromatics - Benzene, Toluene, Naphthalene

Unsaturated Hydrocarbons - Acetylene, Ethylene, 1,3-Butadiene

Chlorinated Hydrocarbons - Vinyl Chloride, Chloroform, Trichloroethylene, Methylene Chloride

Ketones - Acetone, Methyl Ethyl Ketone, Methyl Isobutyl Ketone

Alcohols - Methanol, Ethanol, Isopropanol, n-Butanol

Please note: This list provides examples of the types of compounds detectable by the MicroFID. Please contact Photovac Technical Support for details on specific compound detection.

For further information on Photovac products, or to arrange a product demonstration, please contact a Photovac representative near you, email us at admin@photovac.com or contact Photovac, Inc.

Specifications

Size

43.4 cm (17.1") long, 9.8 cm (3.85") wide, 18.8 cm (7.4") high

Weight

8.1 lb (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 and NoFlm

Analog Output

0 to 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



PHOTOVAC, Inc. 176 Second Avenue | Waltham, MA 02451-1166 USA | Phone: 781-290-0777 Fax: 781-290-4884
PHOTOVAC Europa Bredabaan 885 | B-2170 Antwerp BELGIUM | Phone: +32-3-646-0456 Fax: +32-3-646-0095
visit us at www.Photovac.com

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