



MICROFID™ FLAME IONIZATION MONITOR

Weight	8.1 lb (3.7 kg)
Size	43.4 cm (17.1") long, 9.8 cm (3.85") wide, 18.8 cm (7.4") high
Keypad	16-key, fixed function
Display	2-line, 16-character LCD with alphanumeric and bar graph readouts
Hydrogen Cylinder Discharge	Greater than 12 hours
Hydrogen Cylinder Capacity	9.2 liters at 1800 psig
Battery Capacity	15 hrs (snap-on replacement)
Battery Charger	Automatically charges and maintains full charge in battery pack
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 ± 0.5 ppm or \pm 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



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