

Portable Biogas Monitor



Biogas Monitor EMBio1

Basic kit includes: integrated water trap, 5 meter hose with connection for pressure measurement, li-ion battery/charger, calibration certificate, soft leather case

Gas	Range	Accuracy	Resolution	Measurement Technique
Oxygen O2	0-25%	+/-0.2%	0.01%	EC
Methane CH4	0-100%	+/-0.2%	0.01%	NDIR
Carbon Dioxide CO2	0-100%	+/-0.2%	0.01%	NDIR
Hydrogen	0-2000ppm	+/- 5ppm	1ppm	EC
Hydrogen Sulphide H2S	0-5,000ppm	+/- 5ppm	1ppm	EC
Hydrogen Sulphide	0-50,000ppm	+/-50ppm	1ppm	EC
Carbon Monoxide (CO)	0-10,000ppm	+/-10ppm	1ppm	EC
Flow Measurement	3-100m/s	+/-1m/sec	0.1 m/sec	pitot tube

Datalogging

Datalogging up to 16,000 datapoints recorded on to a sd card . CSV file format
Standard USB and SD card, optional Bluetooth communication

Basic set up O2,CH4, CO2

Additional Options include:

- 1, Optional Dual H2S sensors
- 2, Optional High CO
- 3, Optional H2 Sensor
- 4, Optional gas flow velocity
- 5, Optional Blue tooth communication
- 6, Optional Pitot tube/ w emperature
- 7,Optional pressure reducer for sampling high pressure

General Specification

Dimension	100 x 225 x 52
Weight	750g
IP	IP21
Operating temp	5 to 45 deg C
Display	3.5" colour screen
Warranty	2 years



Environmental Monitoring

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