



GAS DATA

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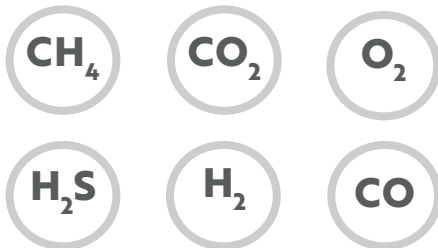
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GFM 406

Portable Gas Analyser



The GFM 406 portable gas analyser makes all work steps as easy as possible for you. Completely configurable, enabling consistent collection of data for improved analysis and accurate reporting. Operation is extremely simple, yet the readings obtained are comprehensive and accurate.



- Custom selection gas monitor
- 6 gas analysis channels
- Simple reporting - via SiteMan PC software
- Small portable design - easy to hold in one hand
- 12-month service interval

Applications

Biogas Monitoring

Biomethane Analysis

Landfill Gas Analysis

Wastewater & Sewage Treatment

Odour Monitoring

Key Benefits

Suitable Solutions

Gas Data equipment has a wide range of internal gas sensors and external attachments, giving you the choice and freedom to purchase your monitoring solution tailored to your operations.

Real-Time Data

The GFM series supports site operations in the best possible way. Quickly and easily, it captures information in just a few minutes, giving you visibility of the production and quality of the gases.

Cost-effective

Versatile, lightweight and easy to use. The GFM range doesn't require any specialist knowledge, delivering valuable data at your fingertips. A 4-hour charge from flat provides 8 hours of continuous use.

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Portable Gas Analyser

Technical Specifications

General	
Rating	ATEX, IECEx, UKEx II 2 G Ex ib IIB T1 Gb
Dimensions	230mmx100mmx65mm
Weight	1kg
Ambient Temperature Range	-10°C to 40°C
Protection Rating	IP65
Aspiration Rating	500mil/min

Gas Measurements				
Channel	Sensor Type	Range	Resolution	Accuracy
CH ₄	WIR	0-100%	0.1%	± 3.0% Landfill configuration
				± 1.0% Biogas configuration
CO ₂	WIR	0-100%	0.1%	± 3.0% Landfill configuration
				± 1.0% Biogas configuration
O ₂	EC	0-25%	0.1%	± 0.1%
H ₂ S		0-10000ppm	1ppm	± 100ppm
		0-5000ppm	1ppm	± 50ppm
		0-2000ppm	1ppm	± 20ppm
		0-200ppm	1ppm	± 10ppm
H ₂		0-2000ppm	1ppm	± 20ppm
		0-1000ppm	1ppm	± 10ppm
CO		0-4%	0.10%	0.20%
	0-2000ppm	10ppm	± 100ppm	

Pressure Measurements				
Atmospheric	Transducer	800 to 1200mB	1mbar	± 2mbar
Static		± 100mB	1mB	± 5mbar
		± 400mB	1mB	± 2.0mbar
Differential		± 30mB	1mB	± 5.0mB at ± 25mB
		± 1000Pa	1Pa	± 0.5Pa at ± 1000Pa

All GFM's are available to hire or purchase. Please contact our team for details.

Optional Measurements

Velocity	Vane Anemometer	0.7-40ms ⁻¹	0.1ms ⁻¹	±0.5 ms ⁻¹
Temperature	Thermistor	-10-100° C	0.5° C	±1.0° C

GFM 406 Specific Features

- LEL 0-100% expansion, only with CH4 + CO2 IR
- Vane anemometer to measure gas velocity of 0 to 40m/s
- Short brass probe to measure temperature of -10 to 100°C
- Expansion balance gas calculation
- Data logger with USB download

Certifications



Advantages of our Annual Servicing & Calibration offering are:

- Complete service of your instrument including, replacing any faulty parts or parts nearing the end of their life
- Recalibration of the instrument
- Highly experienced servicing team, equipped to service, calibrate and repair your instruments worldwide
- Excellent customer service and response time
- 12-month warranty covering any parts required
This is intended to cover internal component failures. Faults caused by negligence, accident, physical damage, missing parts e.g. (gas filters and batteries), will not be repaired free of charge, but cost estimates will be supplied for approval before any work is done
- Gas Data arranged collection and delivery of your instrument (the UK addresses only)



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