

# GFM 406

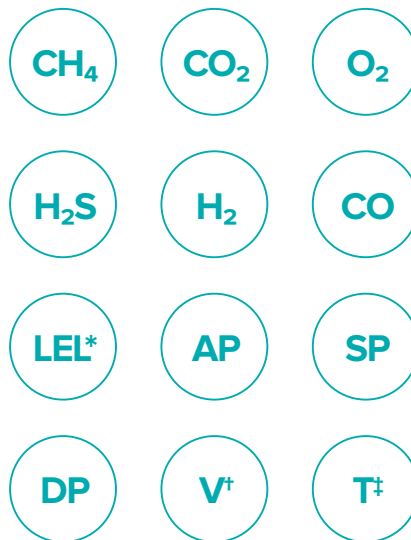
## Portable Gas Analyser



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.

### 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.

### APPLICATIONS

- Biogas Monitoring
- Biomethane Analysis
- Landfill Gas Analysis
- Wastewater & Sewage Treatment
- Odour Monitoring



### KEY FEATURES

- Custom selection gas monitor
- 6 gas analysis channels
- Simple reporting - via SiteMan PC software bundle
- Small portable design - easy to hold in one hand
- 12-month service interval
- \*LEL 0-100% expansion, only with CH<sub>4</sub> + CO<sub>2</sub> IR
- †Optional Vane anemometer to measure gas velocity of 0 to 40m/s
- ‡Optional Short brass probe to measure temperature of -10 to 100°C
- Expansion balance gas calculation
- Data logger with USB download



**GAS DATA**  
LISTEN · ANALYSE · INFORM

## GFM 406

**SPECIFICATIONS** Specifications subject to change without notice**RANGE OF GASES DETECTED**


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

**Pressure Measurements**

Atmospheric	Transducer	800to1200mB	1mbar	±2mbar
Static		± 100mB	1mB	±5mbar
	Differential	± 400mB	1mB	±2.0mbar
		± 30mB	1mB	±5.0mBat±25mB
		±1000Pa	1Pa	±0.5Paat±1000Pa

**Optional Measurements**

Velocity	Vane Anemometer	0.7-40ms <sup>-1</sup>	0.1ms <sup>-1</sup>	±0.5ms <sup>-1</sup>
Temperature	Thermistor	-10-100°C	0.5°C	±1.0°C

**Rating** ATEX,IECEX,UKEx  II 2G Exib IIB T1 Gb

**Dimensions** 230mmx100mmx65mm

**Weight** 1kg

**AmbientTemperatureRange** -10°cto40°C

**ProtectionRating** IP65

**AspirationRating** 500mil/min



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