GAS DATA
LISTEN · ANALYSE · INFORM

GM25-2
Portable Gas Analyser

The GM25-2 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.

CH_4 CO_2 O_2
H_2S H_2 CO

- Small portable design that's easy to hold in one hand
- Robust for site performance
- Datalogging via DataField GM25 Connect app
- Configurable gas analyser
- 12-month service interval
- Exhaust connection for easy bag sampling
- 3 year warranty subject to annual servicing

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 GM25 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 GM25 range doesn't require any specialist knowledge, delivering valuable data at your fingertips.
A 2-4 hour charge from flat provides 8 hours of continuous use.

GM25 Connect App

The GM25 series can be used by itself or in combination with the GM25 Connect app which allows the GM25 analyser to be controlled via a mobile device or tablet. This results in faster operations whilst being able to configure how readings are taken suiting the individual users needs. If an internet connection is present, the application can live-stream the data to the web-based portal as opposed to downloading it directly from the device after all readings have been taken, resulting in much faster access to the gas analysis data.

Technical Specifications

General	
Rating	ATEX, IECEX, UKEx II 2 G Ex ib IIB T1 Gb
Dimensions	260mm x 100mm x 75mm
Weight	1kg
Ambient Temperature Range	-10ºC to 40ºC
Aspiration Rating (minimum)	300mil/min

Gas Measurements					
Combination options	Channel	Sensor Type	Range	Resolution	Accuracy After Calibration
Choose up to 1	CH4	IR	0-100%	0.1%	± 3.0% (vol.) 0-100% ± 0.3% (vol.) 0%-5% Landfill configuration
					± 3.0% (vol.) 0-100% ± 1.0% (vol.) 55%-75% Biogas configuration
	CO2		0-100%	0.1%	± 3.0% (vol.) 0-100% ± 1.0% (vol.) 25%-45% Landfill configuration
					± 3.0% (vol.) 0-100% ± 1.0% (vol.) 25%-45% Biogas configuration
Choose up to 4	O2	EC	0-25%	0.1%	± 0.5% (vol.)
	H2S		0-10,000ppm	10ppm	± 5.0% (of reading) or 75ppm (whichever is greater)
			0-5000ppm	1ppm	± 5.0% (of reading) or 75ppm (whichever is greater)
			0-2000ppm	1ppm	± 5.0% (of reading) or 75ppm (whichever is greater)
			0-200ppm	1ppm	± 5.0% (of reading) or 25ppm (whichever is greater)
	H2		0-2000ppm	1ppm	± 5.0% (of reading) or 75ppm (whichever is greater)
			0-1000ppm	1ppm	± 5.0% (of reading) or 50ppm (whichever is greater)
			0-4% (for indication purposes only)	0.1%	± 0.2%
	CO		0-2000ppm	10ppm	± 5.0% (of reading) or 75ppm (whichever is greater)

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Pressure Measurements					
Choose up to 2	Atmospheric	Transducer	800 to 1200mB	1mB	± 5mB
	Static		± 100mB	0.2mB	± 2mB
			± 400mB	1mB	± 5mB
Choose up to 1	Differential		± 30mB	0.1mB	± 0.5mB

Optional Measurements				
Velocity	Vane Anemometer	0.7-40m/s	0.1m/s	±0.5 m/s
Temperature	Thermistor	-10-100°C	0.5°C	±1.0°C

All GM25 gas analysers are available to hire or purchase. Please contact our team for details.

GM25-2 Specific Features

- LEL 0-100% expansion, only with CH_4 + CO_2 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

Servicing | Gas Data gas analysers are required to have a service every 12 months

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
- Hire fleet available at an additional cost to cover the period that your instrument is in service (UK addresses only subject to availability)
- 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 (UK addresses only)