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.

APPLICATIONS

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

CH_4 CO_2 O_2

H_2S H_2 CO

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.

GAS DATA

DATAFIELD GM25 CONNECT

The GM25 series can be used by itself or in combination with the DataField 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.

ADVANTAGES OF ANNUAL SERVICING & CALIBRATION OFFERING

- 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)

KEY FEATURES

- **Custom selection gas analyser**
- **6 gas analysis channels**
- **Simple reporting - via DataField GM25 Connect app**
- **Small portable design - easy to hold in one hand**
- **12-month service interval**

GM25-2

SPECIFICATIONS

Specifications subject to change without notice

GENERAL

Rating	ATEX, IECEX, UKEx II 2 G Ex ib IIB T1 Gb
Dimensions	260mm x 100mm x 75mm
Weight	1kg
Ambient Temperature Range	-10°C to 40°C
Aspiration Rating	500mil/min

Certifications

GAS MEASUREMENTS

Combination options	Channel	Sensor Type	Range	Resolution	Accuracy
Choose up to 1	CH_4	IR	0-100%	0.1%	± 3.0% Landfill configuration
					±1.0% Biogas configuration
	CO_2		0-100%	0.1%	± 3.0% Landfill configuration
					± 1.0% Biogas configuration
Choose up to 4	O_2	EC	0-25%	0.1%	± 0.1%
	H_2S		0-10,000ppm	1ppm	± 100ppm
			0-5000ppm	1ppm	± 50ppm
			0-2000ppm	1ppm	± 20ppm
			0-200ppm	1ppm	± 10ppm
	H_2		0-2000ppm	1ppm	± 20ppm
			0-1000ppm	1ppm	± 10ppm
			0-4% (for indication purposes only)	0.1%	± 0.2%
	CO		0-2000ppm	10ppm	± 100ppm

PRESSURE MEASUREMENTS

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

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

gastech®

+61 8 6108 0000 info@gastech.com gastech.com

HEAD OFFICE
24 Baretta Road
Wangara WA 6065
Phone: +61 8 6108 0000

SYDNEY OFFICE
Suite G01,10 Tilley Lane,-
Frenchs Forest, NSW, 2086
Phone: +61 2 9451 0054

BRISBANE OFFICE
PO Box 59
Kippa-Ring Qld 4021
Phone: +61 7 3160 0901