

Ribble Enviro
...everything gas detection

Data Sheet

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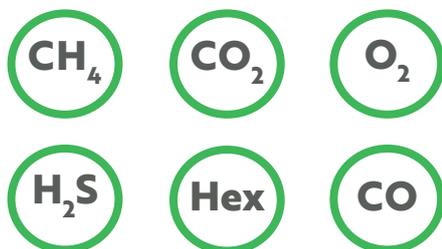
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The GM25-4 portable gas analyser makes all work steps as easy as possible for you. It is a fixed configuration, measuring the proportions of gases presented in greenfield and brownfield sites, as well as land affected by landfill operations or other contamination. Operation is extremely simple, yet the readings obtained are comprehensive and accurate.



- 6 gas analysis channels
- Measures atmospheric, static and differential pressures
- Simple reporting - via DataField GM25 Connect app
- Small portable design - easy to hold in one hand
- 12-month service interval

Applications

Site Investigation

Compliance Monitoring

Borehole Monitoring

Landfill Gas Control

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.

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.

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	-10°C to 40°C
Aspiration Rating	500mil/min

Gas Measurements				
Channel	Sensor Type	Range	Resolution	Accuracy
CH ₄	IR	0-100%	0.1%	± 3.0%
CO ₂		0-100%	0.1%	± 3.0%
O ₂	EC	0-25%	0.1%	± 1.0%
H ₂ S		0-5000ppm	1ppm	± 50ppm
CO		0-2000ppm	10ppm	± 100ppm
Hexane	Calculation	0-2%	0.1%	± 2.0%
LEL		0-100%	0.1%	± 3.0%

Pressure Measurements				
Measurement	Method	Range	Resolution	Accuracy
Atmospheric	Transducer	800 to 1200mB	1mB	± 2mB
Differential	Calculation	± 1250Pa	1Pa	± 3 - ± 250Pa
Flow Rate	Transducer	-60 - 100Lhr ⁻¹	0.1Lhr ⁻¹	± 3Lhr ⁻¹



GM25-4

Portable Gas Analyser

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

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

GM25-4 Specific Features

- Factory calibrated infrared sensor for measuring Hexane vapour
- PID correction factor for low levels of VOC
- Bidirectional measurement of instantaneous and peak borehold flow
- Storage of 2 water level readings from dipmeter taken at each borehole
- Manual data storage and programmable unattended data logging functions

Certifications



Servicing | Gas Data gas analysers are recommended 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)

