

# Product Catalogue



2022



Sales and Service Partner for Ireland



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## WORDS FROM OUR MANAGING DIRECTOR

As we celebrate our 30th anniversary, our contribution to renewable energy generation, process efficiency, environmental monitoring and safety feels more important than ever.

Our talented and dedicated team is driven and empowered to deliver exceptional customer service.

Our products are renowned for accuracy, reliability, ease of operation, and rapid servicing. This offers users a low total cost of ownership and most importantly – helps our customer's decision making every day and in every place. We listen, analyse, inform.

I look forward to our exciting future, built on enduring strategic partnerships, advancing the science behind gas data.



**STEVE BILLINGHAM**  
MANAGING DIRECTOR, GAS DATA LTD

Gas Data was formed in 1991 from a passion to improve the instruments that analyse gases for industrial purposes. By listening to our customers and focusing on specific applications, we have developed a range of fixed and portable, handheld analysers that are recognised performance leaders in their fields.

### LISTEN, ANALYSE, INFORM

We ensure our active listening extends beyond product design to all areas of our business; technical pre-sales, the commissioning process and the after-sales service. We believe that by focusing on our customers and ensuring our products and processes meet their demanding needs, we create a key differentiator for us and can then build mutually beneficial long-term partnerships.

In the UK we provide a full range of installation, commissioning and maintenance services and we have an increasing global reach through

our worldwide, strategic network of commercial and service partners. Overall, we supply and support over 1,500 end-user customers in over 50 countries.

We are proud to be involved in applications that make a difference to our world, from industrial and factory processes, such as wastewater & sewage treatment or biomethane generation, to landfill monitoring, land remediation, odour control and more. We believe that our products are empowering environmental evolution as all our customers strive to improve their impact on the environment.

For more information visit our website: [gasdata.co.uk](http://gasdata.co.uk)

WE ARE AN ATEX CERTIFIED (80079-34 ATEX) MANUFACTURER AND HAVE ISO CERTIFICATION FOR QUALITY (ISO 9001), HEALTH & SAFETY (ISO 45001) AND ENVIRONMENTAL MANAGEMENT (ISO 14001). WE ACTIVELY PARTICIPATE IN INDUSTRY ASSOCIATIONS SUCH AS THE ANAEROBIC DIGESTION AND BIORESOURCES ASSOCIATION (ADBA) AND THE WORLD BIOGAS ASSOCIATION (WBA).

### OUR ACCREDITATIONS



### OUR MEMBERSHIPS



# Products Summary

## PORTABLE GAS ANALYSERS

- GFM 406
- GFM 426
- GFM 436
- GFM 610
- GFM 226



# Portable Gas Analysers



## MEASURES



This **GFM 406** combines simple functions with a high level of measurement accuracy and is therefore ideal for all basic measurements on Biogas, Syngas, Landfill and Odour Monitoring. It has a long-term battery lifetime of 8 to 12 hours, guaranteeing high availability to the client. This instrument can provide three different pressure points: Atmospheric, Static (Gauge) and Differential - as optional extras.

## FEATURES

- ATEX certified - II 2 G Ex ib IIB T1 Gb
- Custom selection gas monitor
- Small and portable- easily fits in one hand
- High contrast LCD Display
- Data logging flash memory storage and PC upload, 3000 readings
- Battery lifetime from 8 to 12 hours

## ACCESSORIES

- USB download with SiteMan Pc Software
- USB data cable
- Protective, weather-proof leather case
- Charger suited to client's country
- Sample pipe
- Small spares pot
- Allen Key

## OPTIONAL ACCESSORIES

- An additional vane anemometer to measure gas velocity (0.5-40m/s)
- An additional brass probe to measure gas temperature (-10 to 100° C)

## ADDITIONAL MEASUREMENTS:

- N2 Balance
- LEL Percentage Calculation

## INSTRUMENT SPECIFICATIONS

Operating Temperature	-10°C<0<40°C
Ingress Protection	IP65
Max Input Pressure	30mB
Pump Flow	500ml/min
Dimension	230mmx100mmx65mm
Material	Black ABS
Weight	1kg

Once a year all items must be recalibrated and serviced to ensure optimum performance and safety.



## MEASURES



The **GFM 426** is a fixed configuration five-gas analyser designed specifically for landfill operations. This instrument has all the essential functions to measure gas and pressure. It also provides different pressure measurements: Atmospheric; Static (Gauge); Differential. GFM 426 has a long-term battery lifetime of 8 to 12 hours, guaranteeing high availability to the client.

## FEATURES

- ATEX certified - II 2 G Ex ib IIB T1 Gb
- LEL calculation
- Flow rate reading through differential pressure
- Small and portable- easily fits in one hand
- High contrast LCD Display
- Data logging flash memory storage and PC upload, 3000 readings
- Battery lifetime from 8 to 12 hours

## ACCESSORIES

- USB download with SiteMan Pc Software
- USB data cable
- Protective, weather-proof leather case
- Charger suited to client's country
- Sample pipe
- Small spares pot
- Allen Key

## OPTIONAL ACCESSORIES

- An additional vane anemometer to measure gas velocity (0.5-40m/s)
- An additional brass probe to measure gas temperature (-10 to 100° C)

## INSTRUMENT SPECIFICATIONS

Operating Temperature	-10°C<0<40°C
Ingress Protection	IP65
Max Input Pressure	30mB
Pump Flow	500ml/min
Dimension	230mmx100mmx65mm
Material	Black ABS
Calculation	N2 Balance
Weight	1kg

Once a year all items must be recalibrated and serviced to ensure optimum performance and safety.



AVAILABLE TO BUY OR HIRE



## MEASURES



The **GFM 436** gas analyser is a fixed configuration, designed for site investigation, landfill gas control and environmental regulation compliance monitoring. This instrument has all the essential functions to measure gas and pressure. It also provides different pressure measurements: Atmospheric and Differential. GFM 436 measure gas components as well as flow and pressure. It has a long-term battery lifetime of 8 to 12 hours, guaranteeing high availability to the client.

### FEATURES

- ATEX certified - II 2 G Ex ib IIB T1 Gb
- Small and portable- easily fits in one hand
- High contrast LCD Display
- Detector (PID) correction factor for low levels of Volatile Organic Compounds (VOC)
- Storage of 2 water level readings from dipmeter taken at each borehole
- Data logging flash memory storage and PC upload, 3000 readings
- Flow rate through internal sensor
- Battery lifetime from 8 to 12 hours

### ACCESSORIES

- USB download with SiteMan Pc Software
- USB data cable
- Protective, weather-proof leather case
- Charger suited to client's country
- Sample pipe
- Small spares pot
- Allen Key

### OPTIONAL ACCESSORIES

- An additional vane anemometer to measure gas velocity (0.5-40m/s)
- An additional brass probe to measure gas temperature (-10 to 100° C)

### INSTRUMENT SPECIFICATIONS

Operating Temperature	-10°C<0<40°C
Ingress Protection	IP65
Max Input Pressure	30mB
Pump Flow	500ml/min
Dimension	230mmx100mmx65mm
Material	Black ABS
Calculation	LEL %
Weight	1kg

Once a year all items must be recalibrated and serviced to ensure optimum performance and safety.





## MEASURES



The **GFM 610** portable instrument has all the essential functions to measure the flow of any gas and pressure from the perimeter boreholes on landfill and contaminated land sites and also provides Atmospheric pressure measurements. It has a long-term battery lifetime of 8 to 12 hours, guaranteeing high availability to the client.

### FEATURES

- ATEX certified - II 2 G Ex ib IIB T1 Gb
- Small and portable- easily fits in one hand
- High contrast LCD Display
- Data logging flash memory storage and PC upload, 3000 readings
- Battery lifetime from 8 to 12 hours

### ACCESSORIES

- USB download with SiteMan Pc Software
- USB data cable
- Protective, weather-proof leather case
- Charger suited to client's country
- Sample pipe
- Small spares pot
- Allen Key

### OPTIONAL FEATURE

- An additional vane anemometer to measure gas velocity (0.5-40m/s)

### INSTRUMENT SPECIFICATIONS

Operating Temperature	-10°C<0<40°C
Ingress Protection	IP65
Max Input Pressure	30mB
Dimension	230mmx100mmx65mm
Material	Black ABS
Weight	1kg

Once a year all items must be recalibrated and serviced to ensure optimum performance and safety.





The **GFM 226** is a portable CO2 detector designed specifically to locate and detect a hidden human presence in confined spaces. This instrument is used by Border Security, Prison Offices, Manufacturers and Warehouses. It measures elevated levels of CO2, and reduced levels of O2, by analysing poorly ventilated areas. It has a long-term battery lifetime of 8 to 12 hours, guaranteeing high availability to the client.

### FEATURES

- Small and portable- easily fits in one hand
- High contrast LCD Display
- Data logging flash memory storage and PC upload, 3000 readings
- User definable threshold alarm
- Battery lifetime from 8 to 12 hours

### ACCESSORIES

- Charger suited to client's country
- Sample pipe
- Small spares pot
- Allen Key

### OPTIONAL ACCESSORIES

- Under door probe
- 1m lance probe

### INSTRUMENT SPECIFICATIONS

Operating Temperature	-10°C<0<40°C
Ingress Protection	IP65
Input Pressure	30mB
Pump Flow	500ml/min
Dimension	230mmx100mmx65mm
Material	Black ABS
Weight	1kg

### MEASURES

CO2

O2

LISTEN · ANALYSE · INFORM



Gas Data is part of the Ecotec Group



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