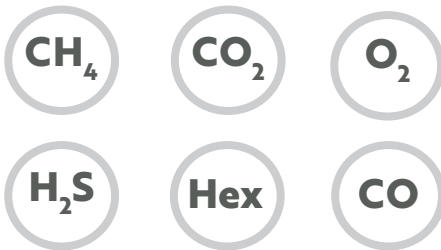




The GFM 436 portable gas analyser makes all work steps as easy as possible for you. It is a fixed configuration, measuring the proportions of gases presented in greenfield and brownfield sites, as well as land affected by landfill operations or other contamination. Operation is extremely simple, yet the readings obtained are comprehensive and accurate.



- 6 gas analysis channels
- Measure Atmospheric, Static and Differential pressures
- Simple reporting - via SiteMan PC software
- 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 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.

# GFM 436

## Portable Gas Analyser



**DISTRIBUTED BY:**  
**Sedulitas**  
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 www.sedulitas.co.za

### Technical Specifications

| General                   |   |
|---------------------------|---|
| Rating                    | <b>ATEX, IECEx, UKEx</b><br><b>II 2 G Ex ib IIB T1 Gb</b> |
| Dimensions                | 230mmx100mmx65mm  |
| Weight                    | 1kg   |
| Ambient Temperature Range | -10°C to 40°C   |
| Protection Rating         | IP65  |
| Aspiration Rating         | 500mil/min  |

| Gas Measurements |             |           |            |          |
|------------------|-------------|-----------|------------|----------|
| Channel          | Sensor Type | Range     | Resolution | Accuracy |
| CH4              | IR          | 0-100%    | 0.1%       | ± 3.0%   |
| CO2              |             | 0-100%    | 0.1%       | ± 3.0%   |
| O2               | EC          | 0-25%     | 0.1%       | ± 0.1%   |
| H2S              |             | 0-5000ppm | 1ppm       | ± 50%    |
| CO               |             | 0-2000ppm | 10ppm      | ± 100ppm |
| Hexane           | Calculation | 0-2%      | 0.1%       | ± 0.2%   |
| LEL              |             | 0-100%    | 0.1%       | ± 3.0%   |

| Pressure Measurements |             |                          |                      |                      |
|-----------------------|-------------|--------------------------|----------------------|----------------------|
| Atmospheric           | Transducer  | 800 -1200mbar            | 1mbar                | ± 2mbar              |
| Static                |             | ± 200mbar                | 1mbar                | ± 0.5mbar            |
| Differential          | Calculation | ± 1250Pa                 | 1Pa                  | ± 3 - ± 250Pa        |
| Flow Rate             | Transducer  | -60-100Lhr <sup>-1</sup> | 0.1Lhr <sup>-1</sup> | ± 3Lhr <sup>-1</sup> |

| 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              |

All GFM's are available to hire or purchase. Please contact our team for details.

## GFM 436 Specific Features

- Factory calibrated infrared sensor for measuring Hexane vapour
- Photo Ionisation Detector (PID) correction factor for low levels of Volatile Organic Compound (VOC)
- Bi-directional measurement of instantaneous and peak borehole flow
- Storage of 2 water level readings from dipmeter taken at each borehole
- Manual data storage and programmable unattended data logging functions
- 3 tier hierarchical 24 character alphanumeric labels for the naming of stored reading sets

## Certifications



## 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
- 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 (the UK addresses only)



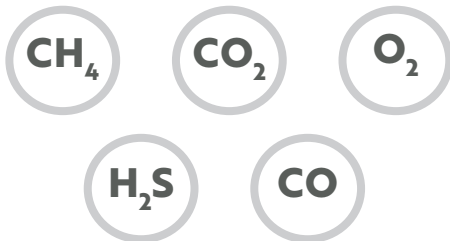
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The GFM 426 combines the functions of three instruments in one portable gas analyser. Making all work steps as easy as possible for you. Measuring gas channels, pressure and flow with a built-in data logger for landfill gas extraction. Operation is extremely simple, yet the readings obtained are comprehensive and accurate.



- 5 gas analysis channels
- Measure Atmospheric, Static and Differential pressures
- Simple reporting - via SiteMan PC software
- Small portable design - easy to hold in one hand
- 12-month service interval

## Applications

Landfill Gas Extraction

Waste to Energy

Landfill Gas Perimeter 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 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.