

GFM400 Instrument Range

ATEX certified landfill gas analysers

The **GFM400** Series of handheld field instruments mark a step change in the design, performance and maintenance of portable landfill gas analysers. They meet all current demands from the landfill, biogas and contaminated land monitoring markets. Incorporating plug in sensors and user replaceable battery packs the **GFM400** series leads the way for easy expansion, easy upgrade and easy maintenance. Gas Data's open upgrade path design philosophy guarantees that any model can be upgraded at any time.

GFM410

Optimised for the control and maintenance of landfill gas extraction systems and Flares. Its simple, quick operation is designed to help engineers minimise down time and maximise plant efficiency.

GFM430

A truly universal landfill gas analyser. Measuring gas concentrations, pressures, flows and temperatures it can be used to equally great effect at peripheral boreholes and gas extraction wells.

**** NEW ****



GFM435 with MCERTS Approval

with built in Methane Compensation Factor for PID (Photo Ionisation Detector) analysis of other Hydro Carbons in the borehole.

The instrument significantly improves the quality of data collection when hydrocarbons are present. An additional sensor indicates levels of hydrocarbons falling to immediately show remedial action is working.

EMAIL us at info@shawcity.co.uk with **GFM435 FAQ SHEET** in the subject line for full information on this new instrument

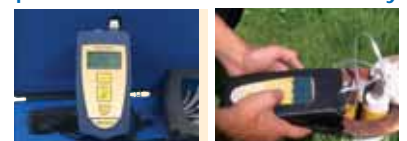
All Instruments Feature:-

- Up to 7 gas analysis channels
- 4 Wavelength optical infra-red analyser
- Atmospheric pressure
- Powerful sample pump
- User replaceable sample filter
- Field replaceable/rechargeable battery pack
- Optional flow, pressure and temperature
- Plug in sensors
- Open upgrade path
- Data storage



Specification		GFM410	GFM430	GFM435
Common features				
Infra red CH4 analysis	0-100%	✓	✓	✓
LEL	0-100%	✓	✓	✓
Infra red CO2 analysis	0-100%	✓	✓	✓
O2 analysis	0-25%	✓	✓	✓
H2S analysis	0-5000 ppm	✗	✓	✓
CO analysis	0-1000 ppm	✗	✓	✓
Atmospheric pressure	800 to 1200 mbar	✓	✓	✓
User spec'd gas channels		✓	✓	✓
Static (Gauge) Pressure	±400 mbar	✓	✗	✗
Vane anemometer input	0.01-40.0 m/s	✓	✓	✓
Temperature probe input	-10 to 100c	✓	✓	✓
Borehole (Low) Flow measurement				
Flow Range	-60 to +100 l/hour	✗	✓	✓
Flow Resolution	0.1 l/hour	✗	✓	✓
Borehole Pressure	+1000/-1000 Pa (Typical)	✗	✓	✓

Other Gas Data products available from Shawcity



GFM100 - Single and multiple gas analyser

GMF600 - Pressure and flow analyser



Pioneer Road, Faringdon, Oxfordshire, SN7 7BU, UK
 Tel: 0044 (0)1367 241675 Fax: 0044 (0)1367 242491
 Email: info@shawcity.co.uk web: <http://www.shawcity.co.uk>