

# Gas Data GFM400 FlareCheck Gas Extraction System Analyser

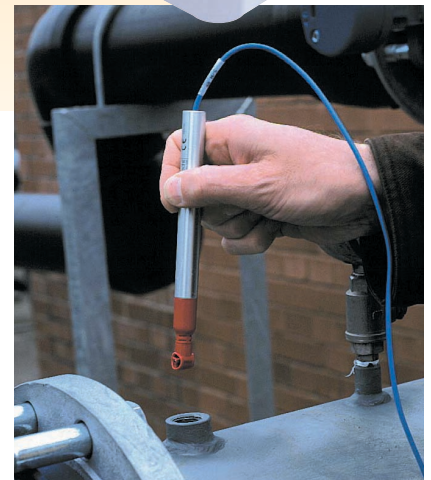
**NEW  
PRODUCT**

- Methane
- Vacuum/Pressure
- Oxygen
- Gas Velocity

The Gas Data GFM400 FlareCheck instrument is the answer to landfill site extraction system maintenance and optimisation. The small tough user friendly instrument allows the operator to quickly and efficiently measure levels of CH<sub>4</sub>, O<sub>2</sub>, pipeline pressure and gas velocity. Down time is minimized whilst energy production is maximised. Simple clear display screens accessed with single button presses provide the user with immediate results at a glance. The unique graphical surge indicator makes diagnosis of blocked and water logged pipes easy. Display readouts can be locked to allow easy comparison and review of measured values.

## Features

- Speed of response (less than 10 seconds)
- Single handed operation
- Battery indicator and backlit display
- Easy to use menu
- Display lock feature
- Simple connection to standard pipework fittings
- Digital LCD display of steady state reading
- Graphical surge indicator with response time < 1s
- Automatic gas sample flow rate regulation
- Plug in vane anemometer to display gas velocity
- Auto-zero calibration check
- Field replaceable gas conditioning filter
- Field replaceable battery pack
- Strong pump pulls gas sample from >300 Mbar vacuum




## Technical Specification

Size/Weight	170 x 70 x 50 mm (Approx)/ less than 500g		
Case waterproofing	IP66		
Battery life	>8 hours	NiMH cells	
Charge time	4 hours (Typical)	From AC mains or optional 12V DC	
Max pump vacuum	>300mbar		
	<b>Range</b>	<b>Typical Accuracy</b>	<b>Notes</b>
Methane (%CH <sub>4</sub> )	0 - 100 %	+/- 2%	Infrared
Oxygen (%O <sub>2</sub> )	0 - 25%	+/- 1%	Electrochemical
Vacuum/Pressure (Sp)	+/- 400 mbar	+/- 2% fs	
Velocity (V)	0 - 40 m/s		Using optional 11mm dia. vane anemometer

**Gas Data Limited**  
Pegasus House  
Seven Stars Estate  
Wheler Road, Whitley  
Coventry CV3 4LB U.K.

Telephone: +44 (0) 2476 303311  
Fax: +44 (0) 2476 307711  
E-mail: [enquiries@gasdata.co.uk](mailto:enquiries@gasdata.co.uk)  
Website: [www.gasdata.co.uk](http://www.gasdata.co.uk)

  
**GAS DATA**  
Monitoring the Environment



Certificate No.8374