



Landfill

Gas Extraction

Site Investigation

Landfill Fires

H₂ Compensated CO Landfill Gas Analyser

The GA 2000 Plus Utilises new technology to give more reliable readings for Carbon Monoxide (CO), helping determine the Presence of fires on Landfill. It incorporates the existing technology and features of the industry standard GA 2000.

Benefits

- Simultaneous display of all gases
- Easier routine monitoring
- Increased reliability of data
- All routes uploaded for daily routine
- Field proven
- Improved traceability of data
- Easy transfer of data

Features

- ATEX certified
- 6 gas capacity
- H₂ compensated CO reading
- Peak CH₄ and CO₂
- Minimum O₂
- Optional Internal Flow
- Optional Event Log
- CO Alarm
- Stores 2000 Readings and 1000 lds

Applications

- Landfill sites
- Brownfield
- Site investigation
- Biogas



The GA2000 Plus

GAMS Software



GAMS (Gas Analyser Management Software) enables users to maximise the operation of their gas analyser. It enables both direct and remote communication with the unit. It features a simple upload and download facility and is fully compatible with the latest Microsoft™ operating Systems.

Product Specifications

Gases Measured CH₄, CO₂, by dual wavelength infrared cell with reference channel. O₂ by internal electrochemical cell

Range

CH ₄	0-100% Reading	CO	0-2000ppm (H ₂ Compensated)
CO ₂	0-100% Reading	H ₂ S	0-500ppm
O ₂	0-25%		

Gas Accuracy*

	CH ₄	CO ₂	O ₂
0-5%	±0.5%	±0.5%	±1.0%
5-15%	±1.0%	±1.0%	±1.0%
15% - Full Scale	±3.0%	±3.0%	±1.0%

* With proper field calibration

Other Parameters

	Unit	Resolution/Range	Comments
Pressure	mbar	+/- 500 mbar	Direct Measurement

Operating Temperature Range	0°C - 40°C
Relative Humidity	0-95% non condensing
Barometric Pressure Range	±200 mbar from calibration Pressure
Barometric Pressure Accuracy	±5 mbar
Battery Life	Typical use 10 hours from fully charged
Charge Time	Approximately 2 hours from complete discharge
Weight	Approximately 2kg
Dimensions	Length 252mm, Width 190mm, Depth 63mm
Recommended Field Calibration Gas Mix	60%CH ₄ / 40% CO ₂ or 5% CH ₄ , 5% CO ₂ , 6% O ₂ (dependent on application)



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