



Landfill
Gas Extraction
Site Investigation
Biogas

Industry Standard Landfill Gas Monitor

The industry standard GA2000 is designed to meet Landfill monitoring protocols set by government legislation. Utilised with dedicated software, the GA 2000 becomes an extremely powerful monitoring and change indicator tool.

Benefits

- Easy to read
- Simple download
- Aids compliance
- Simultaneous display of all gases
- Field proven
- Standardises monitoring routines
- Easy transfer of data

Features

- ATEX
- 5 gases as standard
- Peak CH₄ recording
- Simultaneous display of all gases
- Storage of site and ID questions
- Memory of 2000 readings and 1000 lds
- Optional internal low flow
- Optional event log
- Technician log

Applications

- Landfill sites
- Biogas
- Site investigation



The GA2000



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	0-500ppm
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 63mm, Width 190mm, Depth 252mm
Recommended Field Calibration Gas Mix	60% CH ₄ / 40% CO ₂ or 5% CH ₄ , 5% CO ₂ , 6% O ₂ (dependent on application)