



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 GA2000 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

- New analysers calibrated to UKAS ISO17025 standard
- ATEX Certified
- 5 gases as standard
- Peak CH₄ reading
- Simultaneous display of all gases
- Storage of site and ID questions
- Memory of 2000 readings and 1000 IDs
- Optional Internal low Flow
- Optional Event Log with Technician log
- Data logging
- Optional GPS

Applications

- Landfill Sites
- Biogas
- Site Investigation



The GA2000

Event Log System - audit trail for gas analyser monitoring

The GA2000 & GEM2000 Range analysers can incorporate the facility for a log of events. This can be used as an aid to monitoring when using the analyser. The feature offers traceability and supports site compliance and audits. Further, it can be used as secondary report to confirm data taken from previous site monitoring, giving your customer/client the confidence that data was taken correctly.



Product Specifications

Gases Measured		CH ₄ , CO ₂ , by dual wavelength infrared cell with reference channel. O ₂ by internal electrochemical cell.	
Range			
CH ₄	0-70% by specification, 0-100% reading	CO	0-500ppm
CO ₂	0-60% by specification, 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 certified field calibration			
Other Parameters		Unit	Range
Relative Pressure		mbar	±500 mbar
ATEX rating		Ex II 2G Ex ib d IIA T1 Gb (Ta = 0°C to +40°C)	
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 2 kg	
Dimensions		Length 252mm, Width 190mm, Depth 63mm	
Recommended Field Calibration Mix		60% CH ₄ , 40% CO ₂ , or 5% CH ₄ , 5% CO ₂ , 6% O ₂ (dependant on application)	