



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

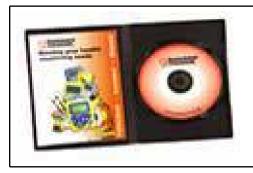
- ATEX
- 5 gases as standard
- Peak CH₄ recording
- Simultaneous display of all gases
- Storage of site and ID questions
- Memory of 2000 readings and 1000 lds
- Optional internal low flow
- Optional event log
- Technician log



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			CH_4 , CO_2 , by dual wavelength infrared cell with reference channel. O_2 by internal electrochemical cell			
		by I	nternal	electroche		
Range						
CH ₄ 0-100% Reading		со	0-500ppm			
CO ₂ 0-100% Reading		H ₂ S	0-500ppm			
0 ₂ 0-25%						
Gas Accuracy*	СН,	C	า		0,	
0-5%	±0.5%	CO ₂ ±0.5%			±1.0%	
5-15%	±1.0%	±1.0%			±1.0%	
15%-FullScale ±3.0%		±3.0%			±1.0%	
* With proper field calibration						
Other Parameters	Unit	Resolution/Range			Comments	
Pressure	mbar	+/- 500 r	nbar	DirectMe	asurement	
		200	4000			
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			$60\%{\rm CH_4}$ / $40\%{\rm CO_2}$ or $5\%{\rm CH_4},5\%{\rm CO_2}$, $6\%{\rm O_2}$ (dependent on application)			
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