

GA5000

PORTABLE GAS ANALYZER INSTRU<u>MENTATION</u>



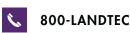


- EASY TO USE AND CALIBRATE
- CAPABLE OF MONITORING UP TO SIX GASES
- MEASURES AND STORES FLOW READINGS,
 RELATIVE PRESSURE, TEMPERATURE AND MORE
- UPGRADABLE WITH INTERNAL, LOW-FLOW OPTION

PORTABLE GAS ANALYZER FOR LANDFILLS AND CONTAMINATED LAND

The GA5000 is our landfill and contaminated land portable gas analyzer, with available gas measurements of CH₄, CO₂, O₂, H₂S and CO. It's easy to use and calibrate and will help standardize your monitoring routines while supporting environmental compliance.











GA5000 ANALYZER INSTRUMENTATION

▼ FEATURES

- Measures % CH4, CO2 and O2
- Measures barometric pressure, relative pressure and temperature
- Modular and upgradeable
- Up to six gases monitored
- Simultaneous display of all gases
- Peak and previous readings shown
- Adaptable to low flow measurement

▼ APPLICATIONS

- Landfill Gas Monitoring
- Waste to Energy
- Site Investigation
- · Contaminated Land

▼ KEY BENEFITS

- Easy to use and calibrate
- Industry leading reliability
- Standardizes monitoring routines
- Supports environmental compliance
- Easy transfer of data



TECHNICAL SPECIFICATION

GAS RANGES

	CH₄ By dual w	ravelength infrared cell with reference channel	Standard
Gases Measured	7 /	avelength infrared cell with reference channel	
Guses Meusureu		3	Standard
	O ₂ By inter	nal electrochemical sensor	Standard
	CO By inter	nal electrochemical sensor	Optional
	H ₂ S By inter	nal electrochemical sensor	Optional
	NH3 By inter	nal electrochemical sensor	Optional
	H2 By inter	nal electrochemical sensor	Optional
	CO (H ₂ Comp)*	* By internal electrochemical sensor	Optional
Ranges	CH ₄	0-100% (vol)	
•	CO ₂	0-100% (vol)	_
	02	0-25% (vol)	
	CO	0-2,000ppm***	
	CO (H ₂ Comp)*	* 0-2,000ppm***	
	H ₂ S	0-10,000ppm***	
	NH3	0-1000ppm	
	H2	0-1000ppm	
Gas Accuracy*	CO ₂	0-60%: +/-0.5% (vol) 60-100%: +/-	1.5% (vol)
	CH ₄	0-70%: +/-0.5% (vol) 70-100%: +/-	1.5% (vol)
	02	0-25%: +/-1.0% (vol)	
	CO	+/- 2.0% FS	
	CO(H ₂)**	+/- 1.0% FS	
	H ₂ S	+/- 5.0% FS	
	NH3	+/- 10.0% FS	
	H2	+/- 2.5% FS	

^{*}All typical accuracies quoted are after calibration

POWER SUPPLY

Battery Life	Typical use 8 hours from fully charged
Charge Time	Approximately 4 hours from complete discharge

PUMP

Flow	Typically 550cc/min
Flow with 80 in. H2O vacuum	Approximately 80cc/min
Low Flow Range	0-0.0117cfm
Accuracy	+/0001cfm















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^{**}Hydrogen cross gas effect on carbon monoxide approximately 1% Do not use where hydrogen is in excess of 10,000ppm

^{***}Additional ranges available. Contact LANDTEC for more information