

Gasboard-3200Plus

HANDHELD BIOGAS ANALYZER



Landfill site
Waste water treatment
Bio-methane plant
CDM project
Anaerobic digestion
Fermentation processes

Benefits

- › Modular NDIR and ECD sensors design.
- › Temperature and pressure compensation.
- › Light-weight design for easy carrying among different sites.
- › Smart data management system, easy for multi-points measurement.
- › Optional gas conditioning device for analyzer protection.



Features

- › Up to 6 gases measuring: CH₄, CO₂, H₂S, O₂ as standard items; H₂, CO as optional items.
- › Dual-beam NDIR sensor for CH₄ and CO₂ measurement, high precision and stability.
- › Precision filters to remove moisture and dust in sample gas for analyzer protection.
- › Rechargeable Lithium battery supports up to 7 hours continuous working.
- › In-built memory for up to 2560 units of records, easy to download the data to PC.



Specifications

Components	CH ₄ , CO ₂	NDIR
	O ₂ , H ₂ S	ECD
	H ₂ (optional)	ECD
	CO (optional)	ECD
Range	CH ₄	0~100%
	CO ₂	0~50%
	O ₂	0~25%
	H ₂ S	0~10000 ppm (can be customized)
	H ₂	0~2000 ppm
	CO	0~2000 ppm
Accuracy	CH ₄	±2%FS
	CO ₂	±2%FS
	O ₂	±3%FS
	H ₂ S	±3%FS
	H ₂	±3%FS
	CO	±3%FS
Lithium battery pack	Rechargeable	
Power supply	5 V/2A DC	
Flow	(0.7~1.2)L/min	
Ambient pressure	(700~1200) mbar	
Relative humidity	0~95% no-condensation	
Dimension	276×195×66 mm (Length×width×height)	
Display	High-resolution colored 3.2-inch	
Communication	USB port	