

Portable Infrared Biogas Analyzer

Gasboard-3200L



Introduction:

- Gasboard 3200L infrared biogas analyzer is powered by Li-ion battery and can be used without AC power supply. It can be used for measurement of the concentration of CH₄, CO₂, H₂S and O₂ in sample gases simultaneously. It is based on the single source two beams non-dispersion infrared (NDIR) method for CH₄, CO₂, fuel cell method (ECD) for H₂S and O₂. The general application is landfill, anaerobic digestion and other fermentation Processes.

Features & Specifications



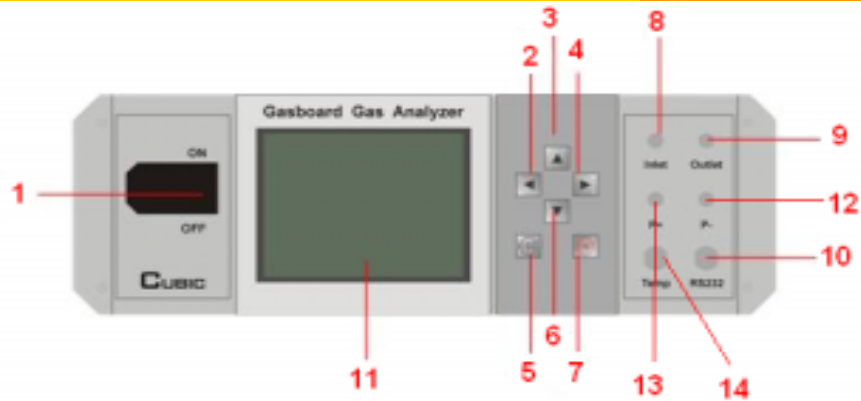
Features:

- Up to 4 gases measurement with combination of NDIR and ECD gas sensor technology
- Simple construction with pulsable infrared source and two beams technology
- Li- ion battery inside
- LCD 320*240 with menu operation.
- Data storage 1,000 data recording .
- Sampling pump inside

Specifications:

- Measurement range:
CO₂ (NDIR): 0-50% CH₄ (NDIR):0-100% H₂S
(ECD):0-1000PPM to 0-10000PPM
O₂(ECD): 0-25%
- Resolution:0.01% for CO₂, CH₄, O₂ and 1ppm for H₂S
- Repeatability: ±0.5% FS
- Linearity: ±1% FS
- Zero/Span drift: ±2%FS
- Response time(T0-90):<15s
- OUTPUT: RS232
- Dimension: 360×120×170mm (Length x Width x Height)
- Weight: 5Kg

Front panel



- 1 --- power on 2 ---left 3 --- up 4 ---right
5 --- ESC 6 ---down 7 --- ENT 8 ---inlet
9 --- outlet 10 --- RS232 serial port 11 ---LCD
12/13---Extensible ports 14---Temperature (Optional)



Wuhan Cubic Optoelectronics Co., Ltd

Tel: 0086-27-87405251 Ext. 8018 / 8019

Email: info@gassensor.com.cn

Website: www.gassensor.com.cn

Add: Floor10, Building 6, SBI Street Hongshan District, Wuhan 430074, China

Accessories

Standard accessories: Battery charger, RS232 cable



Optional accessory : simple gas conditioning device

