

Biogas Analyzer



Features:

1. Handheld, industry use, high sensitivity and accuracy
2. Intrinsically safe, Ex sign is Exibdl.
3. Rugged ABS+PC case, heavy duty, crash resistant
4. High-capacity chip, 4 layers PCB board
5. Visual & audible alarm
6. High & low alarm point, fully adjustable
7. Low battery alarm
8. Rechargeable battery
9. LCD large screen display with Real time clock and status of battery
10. With Stainless Steel belt clip
11. Support data logging function
12. External air sampling pump is available for gas leak detection.
13. Multi gas detector can be made for any 2-5 gases in any combination.

Technical Specification:

Gases detected	CH4, CO2, H2S, O2
Measuring range	CH4: (0-100) %vol CO2: (0-100) %vol H2S: (0~1000) ppm O2: (0~30.0) % vol
Resolution ratio	CH4: 0.01%vol, CO2: 0.01%vol, H2S: 1ppm, O2: 0.1%vol
Sensor	Infrared sensor and electrochemical sensor
Sensor lifetime	≥5years (CH4, CO2) ≥2years (H2S, O2)
Response time	CH4: ≤45S (T90) CO2: ≤45s (T90) H2S: ≤45s (T90) O2: ≤35s (T90)
Alarms	Audible--buzzer with ≥80dB audible Visible--flashing red LED, ≥20m visible
Alarm point	Fully adjustable
Data logging (optional)	Continuous Data logging (1900 events at configurable 0.1-10 minutes intervals)
Continuous working time	≥13hours
Display	Liquid Crystal Display (LCD)
Battery model	PL123450, 3.7V/1500mA
Charging time	4-5 hours
Dust and water resistance	IP65
Size & Weight	130*66*30mm, 250g
Ex sign	Exibd I