

Portable Infrared Combustion Efficiency Analyzer

Gasboard-3400P



Introduction:

- ➔ Gasboard 3400P infrared 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 CO, CO₂ and O₂ in sample gases simultaneously. It is based on the single source two beams non-dispersion infrared (NDIR) method for CO, CO₂, fuel cell method (ECD) for O₂. It is used for the analysis of flue gas from the combustion of coal, gas, fuel oil in boiler

Features & Specifications



Features:

- Based on Innovative NDIR technology ;
- It is widely used for the analysis of flue gas from the combustion of coal, gas, fuel oil in boiler ;
- Measuring the concentration of CO₂, CO, O₂ simultaneously ;
- LCD 320 x 240 display, RS232 Digital
- Built-in micro sampling pump
- Calculating the excess air factor in real

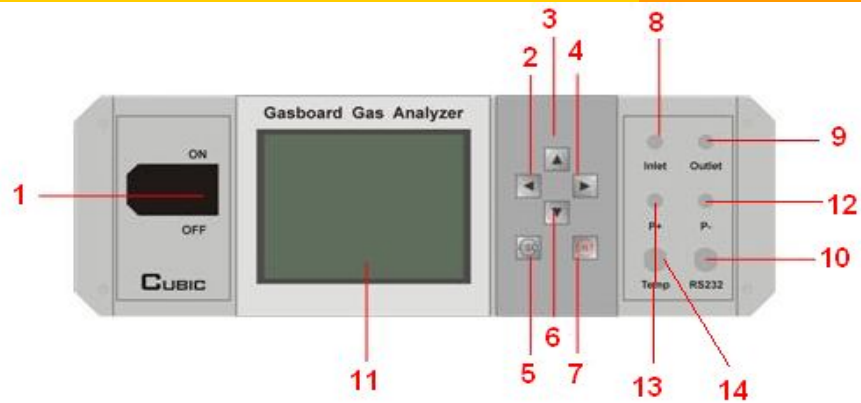
time ;

- Helpful to adjust the air/flue ratio to enhance the combustion efficiency.

Specifications:

- Measurement Range : CO₂:0-25%, CO:0-1%, O₂:0-25%
- Precision: CO₂/CO:±1%, O₂:±2%
- Resolution: CO₂/O₂:0.01%, O:0.001%
- Response time : <15 seconds
- Warm-up time : 3 minutes
- Weight : <5kg
- Power supply: 8.4V, Built-in chargeable cell.

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)

Accessories

Standard accessories: Battery charger, RS232 cable



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