

Wall-mounted Gas Analyzer with 4-20mA Signal Output and Infrared Sensors for Precise Industrial Gas Monitoring

Our Product Introduction

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Basic Information

- Brand Name: Gas Analyzer
- Model Number: 0009



Product Specification

- Signal Output: 4~20mA
- Usage: Oxygen Gas Detection
- Relative Humidity: <95%
- Ingress Protection: IP65
- Sensor: Electrochemical Sensor
- Measure Range: 10ppm~21%, 100ppm~21%, 1000ppm~21% O₂
- Gas Sensor: Infrared Sensors.
- Installation Method: Wall-mounted
- Highlight: **Wall-mounted Gas Analyzer,
4-20mA Signal Output Gas Analyzer,
Infrared Sensors Gas Analyzer**

Product Description

Wall-mounted Highly Accurate Gas Measurement System

This advanced gas analyzer delivers precise 4-20mA signal output for reliable industrial gas monitoring applications.

Product Overview

The Gas Analyzer is a state-of-the-art device designed for highly accurate gas measurement, making it an essential tool for various industrial and environmental applications. Utilizing advanced infrared sensors, this analyzer ensures precise detection and quantification of multiple gas components.

Advanced Detection Technology

This product employs a dual detection principle combining catalytic and infrared technologies, which enhances sensitivity and accuracy. The catalytic detection method effectively measures combustible gases, while infrared sensors excel in identifying specific gases including carbon dioxide (CO₂), carbon monoxide (CO), nitrogen oxides (NO and NO₂), sulfur dioxide (SO₂), hydrogen sulfide (H₂S), and oxygen (O₂).

Key Features

- Highly precise measurement of specific gas components
- Dual catalytic and infrared detection principles
- Compact dimensions: 200mm × 100mm × 50mm
- Wall-mounted installation
- 4-20mA signal output for system integration
- Operates in environments with relative humidity <95%
- Natural diffusion sampling method

Technical Specifications

Detection Principle	Catalytic / Infrared
Measurement Gases	O ₂ , CO, CO ₂ , NO, NO ₂ , SO ₂ , H ₂ S
Dimensions	200mm × 100mm × 50mm
Installation Method	Wall-mounted
Sampling Method	Natural Diffusion
Relative Humidity	<95%
Ambient Humidity	<80% RH
Gas Sensor	Infrared Sensors
Primary Sensor	Electrochemical Sensor
Usage	Oxygen Gas Detection

Applications

This versatile gas analyzer serves critical monitoring needs across multiple industries:

- Exhaust gas analysis for boilers, furnaces, and engines
- Industrial plant emissions monitoring and compliance
- Environmental air quality assessment
- Confined space safety verification
- Combustion process optimization
- Manufacturing and power generation facilities

Customization Services

The Gas Analyzer Model 0009 offers customizable solutions tailored to specific industrial requirements. Our customization services include:

- Tailored configurations for exhaust gas analyzers and process gas analyzers
- Specific calibration for particular gas measurements
- Adaptation to unique installation requirements
- Expert technical support for system integration

Origin: Suzhou, China
Protection Rating: IP65
Output Signal: 4-20mA



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