

# EN-308 系列智能红外线气体分析仪

EN-308 Series intelligent Infrared gas analyzer

## EN-308+O<sub>2</sub>

### NDIR TYPE INFRARED GAS ANALYZER



#### OVERVIEW

EN-308 + O<sub>2</sub> has one set of infrared detectors and one electrochemical oxygen detector, which can synchronously measure O<sub>2</sub> concentration and any one component concentration from CO, CO<sub>2</sub>, CH<sub>4</sub>, SO<sub>2</sub>, NO in the mixed gas continuously. It is widely used in the industries of petroleum, metallurgy, architectural material, electric power, air separation, chemical, environmental protection, pharmaceutical as well.

#### FEATURES

- ◆ Membrane micro-pressure detector, with high sensitivity and low across-sensitivity
- ◆ Enclosed infrared light source and sealed optical path, with high reliability and low drift
- ◆ Oxygen detector is long-life, maintenance-free, Micro-fuel Cell oxygen sensor
- ◆ Big LCD display, English or Chinese menu, with automatic diagnosis working status
- ◆ Automatic memory measured data and curve, with checking previous measured data
- ◆ Two isolated, linearized 0~10 or 4~20mADC outputs
- ◆ Two alarm relay, with upper or lower limit alarm point can be set within the full range
- ◆ With RS232 interface for measured data communication

#### SPECIFICATIONS

Measured component: CO+ O<sub>2</sub>、CO<sub>2</sub>+ O<sub>2</sub>、CH<sub>4</sub>+ O<sub>2</sub>、NO+ O<sub>2</sub>、SO<sub>2</sub>+ O<sub>2</sub>

Minimum range: 0~20×10<sup>-6</sup>(ppm)

Maximum range: 0~50% (>50% consulting with us)

O<sub>2</sub> range: 0~25%

Linearity error: ≤±1%FS

Outline dimension: 483×133×360mm

#### REQUIREMENTS FOR MEASURED GAS

Temperature: 5~40°C

Pressure: 0.002~0.05MPa

Dust : 0.3µm or less (Recommended membrane filter)

Moisture: Below a level where saturation occurs at 2°C (condensation unallowable)



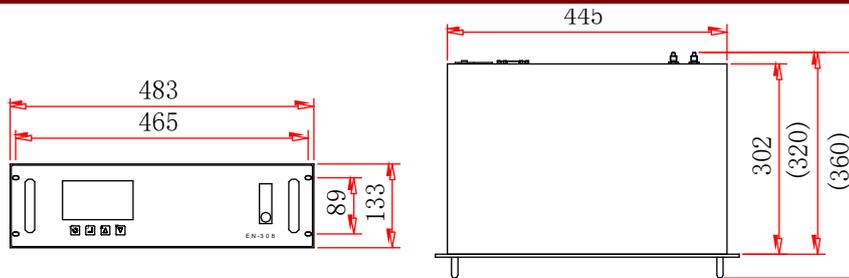
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### OUTLINE DIAGRAM



### DIMENSION OF THE HOLE OPENED

