

EN-600 系列热导式气体分析仪

EN-600 SERIAL THERMAL CONDUCTIVITY GAS ANALYZER



OVERVIEW

EN-600 serial thermal conductivity gas analyzer utilises the gas thermal conductivity, a physical property which measures specific component in mixed gases through that gases have different thermal conductivities. The analyzer has such function as isolated current output, relay alarm output, communication interface and measured data memory.

FEATURES

- ◆ High performance, non-depleting, thermal conductivity gas transducer
- ◆ With excellent reliability, high-sensitivity, low drift
- ◆ No requirement for a reference gas during operation
- ◆ Big LCD display, English or Chinese menu to operate
- ◆ Automatic memory measured data and curve, with checking previous measured data
- ◆ One isolated, linearized 0~10 or 4~20mADC output
- ◆ One 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: H₂、Ar、CO₂

Maximum range: 0~100% (Arbitrary range option between 0~100%)

Minimum range: 0~1%

Linearity error: $\leq \pm 1.5\%FS$

Resolution: 0.01%

Outline dimension: 144 x 144 x 250mm (H x W x L)

REQUIREMENTS FOR MEASURED GAS

Temperature: 5~40°C

Pressure: 0.002~0.2MPa

Dust : 0.3 μ m or less (Recommended membrane filter)

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