

ZO-802 氧化锆氧分析仪

ZO-802 ZIRCONIA OXYGEN ANALYZER



OVERVIEW

ZO-802 zirconia oxygen analyzer adopt high performance of zirconia measurement transmitter and microprocessor technology. With LCD display and the functions of upper and lower limit alarm, standard signal output, as well as relay contact alarm output etc. It is used in continuously measuring the oxygen concentration from ppm to % in nitrogen, argon, helium and other gases without combustible gas.

FEATURES

- ◆ Long-life, maintenance-free, zirconia oxygen sensor
- ◆ High accuracy and sensitivity ; fast response
- ◆ Very Wide range, it can measure oxygen content from ppm to %
- ◆ Big LCD display, English or Chinese menu, with automatic diagnosis working status
- ◆ Automatic memory measured data and curve, with checking previous measured data
- ◆ One isolated, linearized 0~10 or 4~20mADC outputs
- ◆ 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: O₂ in non-combustible gas
Measuring range: 0.1 ppm ~ 50% (auto-ranging)
Linearity error: $\leq \pm 2\%FS$ (> 100 ppm) , $\leq \pm 5\%FS$ (≤ 100 ppm)
Resolution: 0.01ppm
Outline dimension: 144 x 144 x 250mm (H x W x L)

REQUIREMENTS FOR MEASURED GAS

Temperature: 0~40°C
Pressure: 0.002~0.2MPa
Dust : 0.3 μ m or less (Recommended membrane filter)
Moisture: Condensation unallowable