

EN-500 系列电化学氧分析仪

EN-500 Series electrochemical oxygen analyzer

EN-510 OXYGEN ANALYZER



OVERVIEW

EN-510 oxygen analyzer adopt high performance of electrochemical gas sensor 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 oxygen in nitrogen, argon, helium and many other reducing gases such as hydrogen.

FEATURES

- ◆ Long-life, maintenance-free, Micro-fuel Cell oxygen sensor
- ◆ High accuracy and sensitivity ; fast response
- ◆ Unaffected by reducing gases such as hydrocarbons and other oxidizable gases
- ◆ 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

Measuring range: 0~1%/ 5%/ 25%

Linearity error: $\leq \pm 1\%FS$ ($> 1\%$), $\leq \pm 5\%FS$ (1% range)

Resolution: 0.01%

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: no condensation