

EN-500 系列电化学氧分析仪

EN-500 Series electrochemical oxygen analyzer

EN-500 PORTABLE TRACE OXYGEN ANALYZER



OVERVIEW

EN-500 portable trace oxygen analyzer adopt high performance of electrochemical gas sensor and microprocessor technology. With LCD display and functions of upper and lower limit alarm. It is used in continuously measuring trace 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
- ◆ Built-in rechargeable battery, about 20 hours of continuous use on a single charge
- ◆ With upper or lower limit alarm message display on LCD
- ◆ With RS232 interface for measured data communication

SPECIFICATIONS

Measured component: O₂
Measuring range: 0~1000 ppm
Linearity error: $\leq \pm 2\%FS$ (> 10 ppm) , $\leq \pm 5\%FS$ (≤ 10 ppm)
Resolution: 0.01ppm
Outline dimension: 198 x 138 x 257mm
Weight: 3.5Kg

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