

# EN-500 系列电化学氧分析仪

EN-500 Series electrochemical oxygen analyzer

## EN-510 PORTABLE OXYGEN ANALYZER



### OVERVIEW

EN-510 portable 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: O<sub>2</sub>

Measuring range: 0~1%, 0~5%, 0~25%, 0~100% (auto-ranging)

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

Resolution: 0.01%

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 $\mu$ m or less (Recommended membrane filter)

Moisture: no condensation