PORTABLE OXYGEN DETECTOR

- Digital display of Oxygen Concentration on the LCD display with backlight
- Plug-in Sensor provides a full year of warranted protection against hazardous gases
- Oxygen concentration display in %V/V
- Calibration due indication and alert
- Easy handling and programming with 3 keys and one key for power ON/OFF
- Password protected function menu
- Power supply with rechargeable battery
- LOW, HIGH configurable alarms with buzzer and vibrator alerts and LED indications
- Small, compact and light-weight
- Ambient monitoring
- Software calibration totally by using front keys
- Optional data logging facility with 50000 records & visible in ASCII format while downloading to PC via USB interface
- Battery status indication on the LCD display with battery charging LED indication and BAT low indication with Buzzer

Features

Gas sampling Hose & Probe for Suction Type

Applications

- Refineries & Petrochemical plant including offshore drilling and plant shutdowns
- Waste water treatment plants
- Steel mills
- Pulp & Paper Industry
- Personal Monitoring
- Leak Detection
- Incoming Cylinder inspection
- Emergency response
- Equipment maintenance
- Pre entry check quality control
- Process or emission gas analysis

*Actual image and size may slightly differ

MUST FOR HUMAN AND INDUSTRIAL SAFETY
### TECHNICAL SPECIFICATIONS

#### GENERAL
- **Sensors**: Electrochemical Sensor Technology
- **Range/Resolution**: 0-25 % V/V / 0.01
- **Method**: Diffusion / Suction
- **Display**: LCD with settable backlight
- **Set Point**: Two independent set points, AL1 & AL2 with LED indication facility only
- **Setting**: Setting by 3 keys on front panel i.e. (SET, SHIFT / ACK, INCR)
  - Integrated Buzzer & Vibrator for Alarm Violation

#### OUTPUT SIGNAL
- **Optional**: 50000 records Logging capacity with data can be visible in ASCII format while downloading in the PC
- **Setting**: Over / Open Range indication on LCD
- **Download**: Through USB interface using Terminal

#### PERFORMANCE
- **Accuracy**: ± 2% of the full scale with sensor accuracy

#### ELECTRICAL
- **Power Supply**: Li-Polymer, Rechargeable Battery with charger 8 hours of runtime on full charge
- **Material**: ABS Plastic
- **Size**: 140mm(L) x 70mm(W) x 30mm(H)
- **Weight**: 300 grams max
- **Optional**: 50000 records Logging capacity with data can be visible in ASCII format while downloading in the PC

#### ENVIRONMENTAL
- **Operating Temp**: 0 to 50°C
- **Storage Temp**: 0 to 60°C
- **Humidity**: Below 95% rH, Non condensing

#### ACCESSORIES
- **Operating Manual**
- **Calibration cap**
- **Battery charger**
- **Protection cover**
- **Gas sensing Probe**: Std. size 1", available Above 1" on request
- **Gas Sampling Hose**: PVC/Silicon Std length : 2mtr Above 2 mtr available on request

#### ENCLOSEMENT DETAILS
- **Material**: ABS Plastic
- **Size**: 140mm(L) x 70mm(W) x 30mm(H)
- **Weight**: 300 grams max

### ORDERING INFORMATION

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**Manufactured by**

**AMBETRONICS ENGINEERS PVT. LTD.**

17-B, Tarun Industrial Estate, Mogra Pada, New Nagardas Road, Andheri (E.) Mumbai - 400 069, India.

Mob.: 9320619646 • 9320621646 • Tel.: +91-22-61673000/27, 28371143 • Fax : +91-22-29226570

E-mail : project@ambetronics.com • sales6@ambetronics.com • Web : www.ambetronics.com

Specifications subject to change without any prior notice.