



Analytical Industries Inc.
Advanced Instruments Inc.

AII-2000 PALM R % O2 ANALYZER

AII-2000 Palm O2 R is palm sized hand held percent oxygen analyzer with external sensor, measures O2 concentrations from 0 to 100%. Features

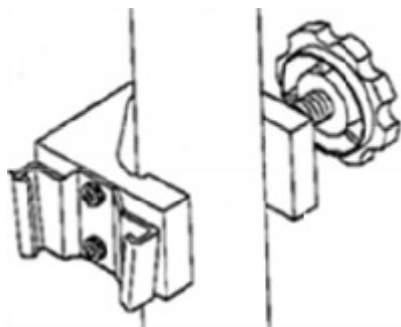
- an advanced galvanic oxygen sensor
- 32 month sensor operating life; no maintenance required
- 13,000 hours of battery use
- wide variety of optional accessories
- cost effective choice for checking O2 levels in lab experiments, air tanks



TECHNICAL SPECIFICATIONS

| | | | |
|----------------|--|-------------------|---|
| Accuracy: | < +2% of FS range under constant conditions | Analysis: | 0%-100% oxygen |
| Application: | Verify ambient O2 levels of confined spaces | Calibration: | 100% oxygen or air after 8 hrs of use |
| Compensation: | Temperature | Connections: | 1x16 mm thread (see options below) |
| Controls: | Soft touch keypad for ON/OFF and Calibration | Dimensions: | 2.72" x 4.1" x 1.35"; weight 7 oz. (196 grams) |
| Display: | 3 digit LCD 1.1" x .625"; resolution 0.1% O2 | Flow Sensitivity: | None between 0.2 to 10 liters per minute |
| Humidity: | Non-condensing 0-95% RH | Linearity: | +1% under constant conditions |
| Pressure: | Inlet – ambient or regulated; vent – atmospheric | Power: | (2) 1.5V AA alkaline batteries; 13,000 hrs of use |
| Response Time: | 90% of final FS reading in 10 seconds | Sensitivity: | < 0.5% of FS range |
| Sensor: | AII-11-75-PO2R | Sensor Life: | 32 months in air at 25°C and 1 atmosphere |
| Storage Temp.: | -20° to 60°C (-4°F to 140°F) on intermittent basis | Temp. Range: | 5° to 45°C (41°F to 113°F) |
| Warm-up Time: | None | Warranty: | 12 months analyzer; 12 months sensor |

Optional Accessories



**HRWR-1075 Dovetail
Clamp Pole or Shelf**

A-3657-1 Dovetail Mounting Kit



**A-3657 Dovetail Bracket
HRWR-1162 Screw 1/4-20 x 3/8"**