



# Analytical Industries Inc.

Gas analysis solutions through advanced analyzer and sensor technology



**AII-2000 A Oxygen Analyzer**



## AII-2000 A Oxygen Analyzer

### Advanced Sensor Technology

**60 Month Life in Air**

**Fast Response - 9 Seconds**

**18 Month Warranty**

**No Maintenance**

**State of the Art Electronics**

**Auto Diagnostics**

**Intuitive Interface**

**Integral Tripod and Pole Bracket**

**Large Backlit LCD Display**

**Latex Free Analyzer & Sensor**

**Certified QA System -**

**ISO 9001:2000**

**MDD 93/42/EEC Annex II**

**ISO 13485:2003**

### Technical Specifications

Accuracy:	< $\pm 1\%$ of FS range under constant conditions
Analysis:	0-100% oxygen
Application:	Anesthesia Respiratory Therapy - Ventilators, Respirators Neonatal & Pediatric Incubators & Hoods Oxygen Therapy - Intensive Care Emergency Transport
Approvals:	ISO 9001:2000, MDD 93/42/Annex II, ISO 13485:2003
Area Classification:	General purpose
Alarms:	None
Calibration:	Air or certified 100% O <sub>2</sub> every 8 hours; time - 90 seconds
Compensation:	Temperature compensated
Connections:	1x16 mm thread or push-in flow diverter with o-ring seal
Controls:	Soft touch keypad for ON/OFF and menu function
Dimensions:	3.6 x 5.9 x 1.6"; weight 10 oz. (280 grams)
Display:	3-1/2 digit backlit LCD 2.5" x 1.5"; resolution 0.1% O <sub>2</sub>
Flow Sensitivity:	None between 0.2 to 10 liters per minute
Humidity:	Non-condensing 0-95% RH
LED Indicators:	None
Linearity:	$\pm 1\%$ under constant conditions
Pressure:	Inlet - ambient; vent - atmospheric
Power:	2 AA Alkaline batteries; 1,200 hours continuous use
Response Time:	90% of final FS reading in 9 seconds
Sensitivity:	< 0.5% of FS range
Sensor:	AII-11-60
Sensor Life:	60 months in air at 25°C and 1 atmosphere
Signal Output:	None
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:	24 months analyzer; 18 months sensor (any application)

### Accessories

- AII-11-60 Oxygen Sensor
- Coil Cable (P/N CABL-1006)
- Flow diverter (P/N FITN-1065)
- Tee adapter (P/N FITN-1009)
- (2) AA 1.5V Battery (P/N BATT-1008)
- Carrying Case (P/N ENCL-1072)