



## AII-2000 A % O2 ANALYZER FOR MEDICAL GRADE O2 ANALYSIS

Portable 2000A oxygen analyzer measures O<sub>2</sub> concentrations from 0.0% to 100%. Features an advanced galvanic oxygen sensor with a longer operating life, a true 18 month warranty in actual normal use, proven electronics with touch pad controls, an external sensor with a coiled cable that extends to 6 feet, and two types of mounting brackets.



### TECHNICAL SPECIFICATIONS

<b>Accuracy:</b>	< 2% of FS range under constant conditions	<b>Analysis:</b>	0-100% oxygen
<b>Application:</b>	Anesthesia, Respiratory Therapy – Ventilators, Respirators, Neonatal & Pediatric Incubators & Hoods, Oxygen Therapy – Intensive Care, Emergency Transport	<b>Approvals:</b>	ISO 9001:2000, MDD 93/42/Annex II, ISO 13485:2003
<b>Area Classification:</b>	General purpose	<b>Alarms:</b>	None
<b>Calibration:</b>	Air or certified 100% O <sub>2</sub> every 8 hours; calibration time – 90 seconds	<b>Compensation:</b>	Temperature compensated
<b>Connections:</b>	1x16 mm thread or push-in flow diverter with o-ring seal	<b>Controls:</b>	Soft touch keypad for ON/OFF and menu function
<b>Dimensions:</b>	3.6 x 5.9 x 1.6"; weight 10 oz. (280 grams)	<b>Display:</b>	3-1/2 digit backlit LCD 2.75 x 1.375; resolution 0.1% O <sub>2</sub>
<b>Flow Sensitivity:</b>	None between 0.2 to 10 liters per minute	<b>Humidity:</b>	Non-condensing 0-95% RH
<b>LED Indicators:</b>	None	<b>Linearity:</b>	+1% under constant conditions
<b>Pressure:</b>	Inlet – ambient; vent – atmospheric	<b>Power:</b>	2 AA Alkaline batteries; 1,200 hours continuous use
<b>Response Time:</b>	90% of final FS reading in 9 seconds	<b>Sensitivity:</b>	< 0.5% of FS range
<b>Sensor:</b>	AII-11-60 (A/M models) or AII-11-60-HC (HC model)	<b>Sensor Life:</b>	60 months in air at 25°C and 1 atmosphere
<b>Signal Output:</b>	None	<b>Storage Temp.:</b>	-20° to 60°C (-4°F to 140°F) on intermittent basis
<b>Temp. Range:</b>	5° to 45°C (41°F to 113°F)	<b>Warm-up Time:</b>	None
<b>Warranty:</b>	24 months analyzer; 18 months sensor (any application)		