

The Pro O<sub>2</sub> Alarm is designed for in-line measurement of oxygen in a mixed gas. The alarms featured in this model include two audible alarms for high and low percentages and an analog output for shutting down your compressor automatically. It is compatible with nitrox, heliox and trimix.

PLEASE NOTE: Never expose gas sensors to pressure or you may cause damage and/or false readings. Damaged sensors will not provide accurate gas analysis. Inaccurate gas analysis can lead to serious personal injury or death. Most gas analyzers can be used to analyze a regulated gas sample flow, the contents of a gas cylinder or the flow from a regulator. To produce this flow, a flow restrictor and regulator may be required.



## SPECIFICATIONS\*

SKU 9612: Panel Mount | SKU 9611: Handheld

Flow Rate	0.5–5 L/min	
Resolution	±0.1% oxygen	
Repeatability	±1% volume O <sub>2</sub> @ 100% O <sub>2</sub> , applied for 5 min	
Linearity	±1% over full scale if sensor well calibrated and @ constant temperature, pressure and gas flow	
Sensor Type	Electrochemical	
Expected Sensor Life	Up to 48 months under normal operating conditions in air	
Range	0–100% oxygen	
Alarms	Two user-programmable audible and visual alarms	
Response Time	<15 seconds for 90% response; <25 seconds for 97% response	
Operating Temperature	41° to 104°F (5° to 40°C)	
Operating Humidity	0 to 95% rh, non-condensing	
Storage Temperature	5° to 122° F (-15° to 50° C)	
Power	9 V alkaline battery, rechargeable lithium battery, 110/220 V wall plug-in or 12 V DIN rail (panel mount only)	
Dimensions (L x W x H)	4 x 2 x 5.5 in (10.2 x 5 x 14 cm) panel mount 2.5 x 1.75 x 4.25 in (6.3 x 4.5 x 10.8 cm) handheld	
Weight	9 oz (255 g) panel mount   7.8 oz (221 g) handheld	
Warranty	0 - 12 months	100% parts and labor
	13 - 18 months	50% off sensor only
	19 - 24 months	25% off sensor only
	25+ months	no warranty coverage

## FEATURES

- On / off switch
- Display range of 0.0–100%
- Low battery warning indicator
- (2) High / low custom audible & visual alarms
- 4-20 mA analog output for external devices
- Capable of shutting down compressor at set alarm
- Replacement sensor: 9507M

## ADVANTAGES

- Fast response
- Made to test breathing gases
- Easy to operate, reliable and accurate
- Long-life electrochemical sensor
- Automatic calibration

\*All specifications are at ambient / sea level, 77°F (25°C) and are subject to change without notice.