

# NUVAIR PRO O<sub>2</sub> ALARM ANALYZER SERIES



**SYNERGY**  
INNOVATIVE DIVING EQUIPMENT TRADING LLC

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Panel Mount Remote

Panel Mount

Handheld



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. Some versions available with optional FAILSAFE and SMART START modules

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 9612R: Panel Mount Remote | 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<br>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<br>13 - 18 months 50% off sensor only<br>19 - 24 months 25% off sensor only<br>25+ months no warranty coverage |

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

## 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

## OPTIONS:

- FAILSAFE Module
- SMART START Module



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