

## SY-NUVAIR PRO N2 ALARM ANALYZER

The Pro Nitrogen Alarm Analyzer measures the lack of O<sub>2</sub> in gases with the range of 0.0 to 100%. This analyzer is designed to verify N<sub>2</sub> concentration in stored gas cylinders, enclosed spaces and to analyze gas flow from compressors. When used in breathing gas applications, redundant analyzers must be used for verification.

### FEATURES

- On / off switch
- 4-20 mA analog output for external devices
- Display range of 0.0 - 100%
- Millivolt sensor output reading
- Low battery warning indicator
- Gases like CO, CO<sub>2</sub>, NO<sub>x</sub>, H<sub>2</sub>, Ar or He do not affect the sensor but are added to the nitrogen level as they are not O<sub>2</sub>
- Simple battery and sensor replacement
- Maintenance free, sealed, electrochemical cell sensor is specific to oxygen mixtures
- Replacement sensor is: 9507M

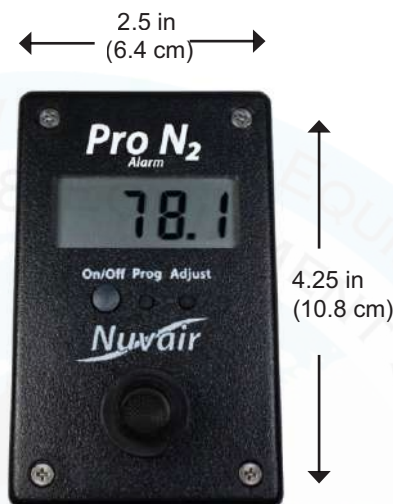
### ADVANTAGES

- Two programmable audible & visual threshold alarms
- Fast response
- Compact water resistant container
- Easy-to-operate, reliable and accurate
- Optional relays for external alarm or compressor control
- Available with a 9 V battery, rechargeable lithium battery or a 110/220 V wall plug-in

### SPECIFICATIONS\*

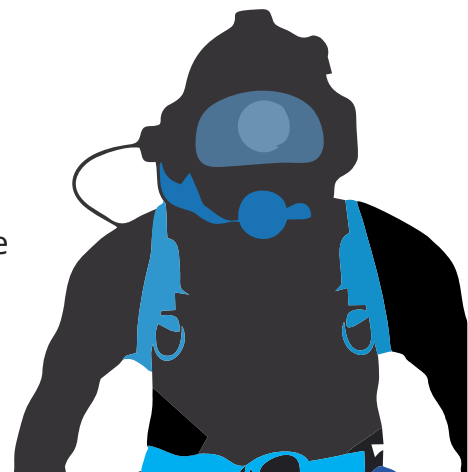
SKU: 9614 panel mount / SKU: 9613 handheld

|                        |  |
|------------------------|--|
| Flow Rate              | 0.5 - 2 L/min  |
| Resolution             | ±0.1% of volume  |
| Repeatability          | ±1% over full scale  |
| Sensor Type            | Electrochemical  |
| Expected Sensor Life   | 18 months under normal operating conditions in air   |
| Range                  | 0-100% oxygen  |
| Alarms                 | User-adjustable minimum and maximum audible and visual alarms  |
| Response Time          | <15 Seconds for 90% response; <25 seconds for 97% response   |
| Operating Temperature  | 44° 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 battery, rechargeable lithium battery or 110/230 V wall plug-in                                  |
| 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 (.3 kg) panel mount / 7.8 oz (.22 kg) handheld  |
| Warranty               | 1 year   |




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 low, the contents of a gas cylinder or the low from a regulator. To produce this low, a low restrictor and regulator may be required.

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






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# Contact us

 29th Street, Amman Road, Behind Al Huraiz Est. For Industry,  
Al Qusais, Industrial Area - 1,  
Dubai, United Arab Emirates

 Tel : 009714 2580533   
 Fax : 042516664   
 UAE : 00971505648178   
 UK : 00447951966260 

 Website : [www.synergyequipment.com](http://www.synergyequipment.com)  
 Email : [ram@synergyequipment.com](mailto:ram@synergyequipment.com)  
 For Sale : [info@synergyequipment.com](mailto:info@synergyequipment.com)

