

SY-NUVAIR PRO N2 ALARM ANALYZER

The Pro Nitrogen Alarm Analyzer measures the lack of O₂ in gases with the range of 0.0 to 100%. This analyzer is designed to verify N₂ 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, CO₂, NO_x, H₂, Ar or He do not affect the sensor but are added to the nitrogen level as they are not O₂
- 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*

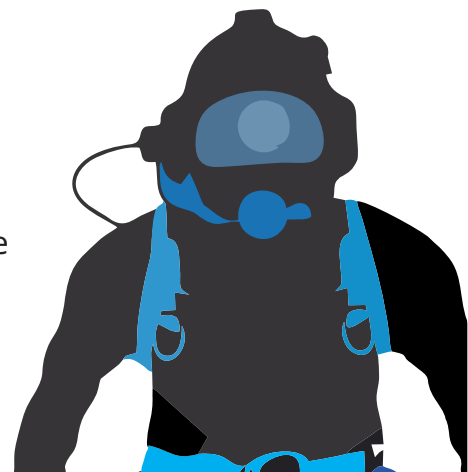
SKU: 9614 panel mount / SKU: 9613 handheld

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)	4.25 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 (.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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