NUVAIR PRO N_2 ALARM ANALYZER

SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC
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The Pro N_2 Alarm Analyzer measures the lack of oxygen (O_2) in gases with the range of 0.0 to 100% to determine the concentration of nitrogen in gases.
This analyzer is designed to verify N_2 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.

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	48 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	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 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 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

*All specifications are at ambient / sea level, 77ºF (25ºC) and are subject to change without notice.

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.

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_2, NOx, N_2, H_2, Ar or He do not affect the sensor but are added to the nitrogen level as they are not O_2.
- Simple battery and sensor replacement
- Maintenance free, sealed, electrochemical cell sensor is specific to oxygen mixtures
- Replacement sensor is: SKU 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

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