NUVAIR PRO He-O_2 TRIMIX ALARM ANALYZER

The Pro He-O_2 Trimix Alarm Analyzer represents the most economical and contemporary model for the analysis of oxygen and helium in mixed gas with nitrogen. For an added cost savings, only one screen is used to cycle between He and O_2 readings.

FEATURES

- Helium reading in any oxygen-helium-nitrogen mix in the range 0.0–100.0% of volume
- Oxygen reading in any oxygen-helium-nitrogen mix in the range 0.0–100.0% of volume
- Thermal conductivity helium sensor developed for a marine sport environment
- O_2 sensor life is up to four years
- He sensor life is up to 10 years
- Robust waterproof hard case
- Automatic calibration of O_2 and He

SPECIFICATIONS*

SKU 9602	Oxygen	Helium
Flow Rate	0.5–5 L/min	0.5–1 L/min
Resolution	±0.1%	0.1%
Repeatability / Linearity	±1% volume O_2 @100% O_2 applied for 5 min	±2% over full scale
Accuracy	±1% over full scale @ constant temperature, pressure and gas flow	±2% over full scale
Sensor Type	Electrochemical	Thermal conductivity
Expected Sensor Life	Up to 48 months	Up to ten years
Range	0.0–100% oxygen	0.0–100% helium in air, N_2 or O_2
Alarms	(2) User-programmable audible and visual alarms	(2) User-programmable audible and visual alarms
Response Time	<15 sec for 90% response, <25 sec for 97% response	<10 sec for 90% response at 73°F (23°C)
Operating Temperature	41° to 104°F (5° to 40°C)	41° to 104°F (5° to 40°C)
Operating Humidity	0 to 95% rh, non-condensing	0 to 90% rh, non-condensing
Storage Temperature Range	5° to 122°F (-15° to 50°C)	5° to 122°F (-15° to 50°C)
Warranty	12 Months - 100% parts and labor 13-18 Months - 50% sensor only 19-24 Months - 25% sensor only	12 Months - 100% parts and labor
Power Requirements	Rechargeable lithium battery with 110/230 V charger	
Dimensions (L x W x H)	3.6 x 8.8 x 7.5 in (9.3 x 22.5 x 19 cm)	
Weight	2 lb (0.95 kg)	

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

WARNING: Never expose gas sensors to pressure or you may cause damage and/or false readings. Damaged sensors will not provide accurate gas analysis. 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. The flow rate of gas must equal 1-5 L/min. To produce this flow, a Flow Restrictor and Regulator may be required. A faulty Flow Restrictor can lead to a false analyzer reading. Flow Restrictors should be regularly tested with a Flow Meter. Inaccurate gas analysis can lead to serious personal injury or death.

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Rev 08.22