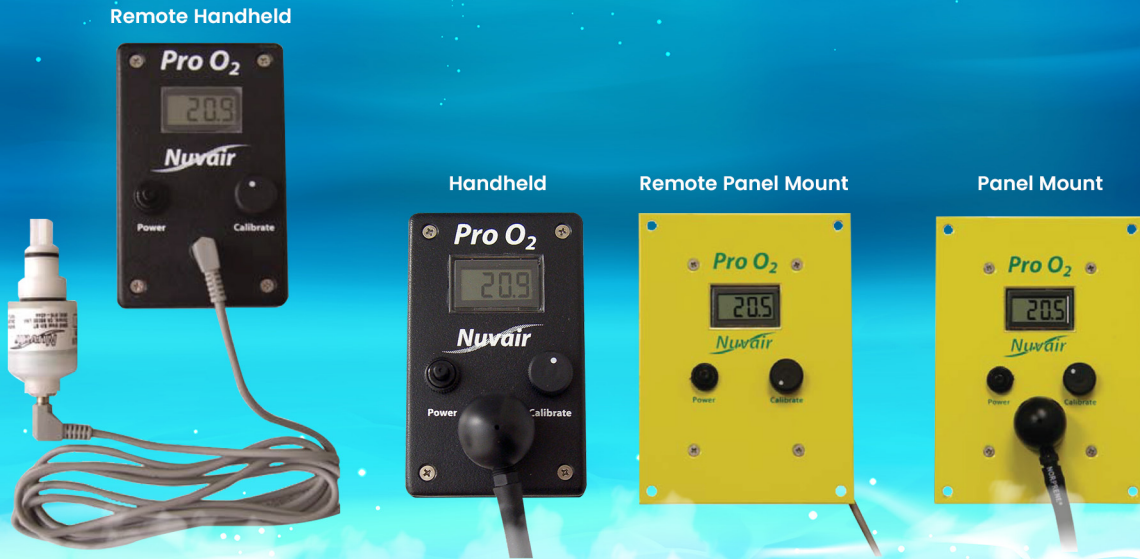


NUVAIR PRO O₂ ANALYZER HANDHELD



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION



Easy-to-operate, extremely accurate and stable, the Nuvair Pro O₂ is preferred by commercial, military, technical and advanced recreational divers using nitrox. Our water- and impact-resistant case is designed for everyday use in the marine environment. The Pro O₂ is also popular with medical, welding, and other industries not related to diving.

To change the battery or sensor, simply remove four screws to have easy access to these user-changeable components. The Nuvair Pro O₂ Analyzer can be placed in-line with your compressor during mixed-gas production or used as a standalone unit for testing mixed gas and nitrox individual scuba tanks or storage cylinders. We offer a wide range of accessories for adapting to compressors and diver BC (buoyancy compensator) power inflators. All Nuvair Pro O₂ units are built and tested in-house, and are ready to use upon receipt.

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:

Flow Rate	0.5-5 L/min
Resolution	0.1%
Accuracy	±1% of full scale at constant temperature and pressure (0-1 atm) when calibrated with 100% oxygen
Sensor Type	Electrochemical
Expected Sensor Life	36 months in air at 25°C and 50% rh
Range	0-100% oxygen
Response Time	<6 seconds for 90% of final value
Operating Temperature	32° to 104°F (0° to 40°C)
Operating Humidity	0 to 99% rh, non-condensing
Storage Temperature	32° to 122°F (0° to 50°C)
Power Options	9V battery, 110/220V wall plug-in, rechargeable lithium battery or DIN Rail
Dimensions	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 (0.3 kg) panel mount / 7.8 oz (0.22 kg) handheld
Warranty	0-12 Months 100% parts and labor 13-18 Months 50% off sensor only 19-24 Months 25% off sensor only

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

FEATURES:

- Ideal for nitrox production use
- On / off switch
- Easy calibration
- User replaceable battery and sensor
- Fast response, thermally compensated sensor
- Highly accurate and stable output
- Completely sealed, water resistant housing

OPTIONS:

- Pro O₂ Handheld (SKU 9450)
- Pro O₂ Alarm Handheld (SKU 9611)
- Pro O₂ Panel Mount (SKU 9462)
- Pro O₂ Alarm Panel Mount (SKU 9612)
- Internal sensor
- Samples low-pressure gas flow
- Direct HP gas cylinder analysis
- Pro O₂ Remote Handheld (SKU 9452)
- Pro O₂ Remote Panel Mount (SKU 9460)
- External sensor
- Ambient pressure gas sampling
- Inline monitoring



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