

# Pro O<sub>2</sub> Analyzer Handheld

SKU: 9450

Price: ?340.00



## Description

Easy-to-operate, extremely accurate and stable, the Nuvaair Pro O<sub>2</sub> 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 O<sub>2</sub> 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 Nuvaair Pro O<sub>2</sub> 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 Nuvaair Pro O<sub>2</sub> units are built and tested in-house, and are ready to use upon receipt.

**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.

Choose one of three available power options by using the **Power Options** dropdown menu (above).

## Specifications

**Maximum Gas Flow Rate** 0.5–2 L/min (~1 bar)

**Display Accuracy** ±1%

**Sensor Type** Electrochemical

<b>Expected Cell Life</b>	36 months in air at 25°C (77°F) and 50% rh
<b>Range</b>	0–100% oxygen
<b>Response Time</b>	Response time <6 seconds for 90% of final value
<b>Operating Temperature</b>	32° to 104°F (0° to 40°C)
<b>Storage Temperature</b>	32° to 122°F (0° to 50°C)
<b>Operating Humidity</b>	0–100% rh, non-condensing
<b>Power</b>	9-volt battery, rechargeable lithium-ion battery, or wall plug-in
<b>Dimensions (L x W x H)</b>	4-1/8 × 2-1/2 × 1-3/4" (10.5 × 6.2 × 4.4 cm)
<b>Weight</b>	7 oz (200 g)
<b>Warranty</b>	0 – 12 months Free Replacement 13 – 18 months 50% Off Replacement 19 – 24 months 25% Off Replacement
<b>Replacement Sensor</b>	<a href="#">9505</a>

### **Third-Party Reseller Gas Analyzer & Sensor Warranty Period**

Many Nuair products are available through third-party resellers, including retail stores, distributors, Amazon.com, and other e-commerce sites. For gas analyzers and replacement sensors purchased from this distribution network, the warranty period begins on the date of manufacture. However, when purchased directly from Nuair.com, the warranty starts on the purchase date.

Why? Because many gas analyzer sensors contain chemical cells similar to battery cells, which have a limited lifespan. Nuair takes extra care to ship only recently manufactured sensors and analyzers, ensuring the longest possible lifespan when purchased directly from Nuair.com.