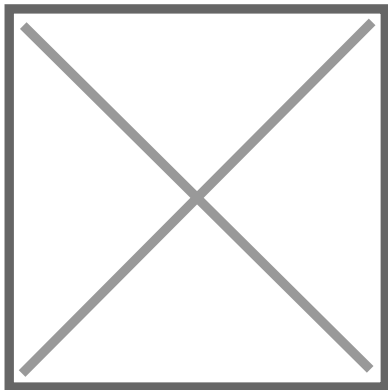


# Oxygen Sensor for Pro O2 Analyzer | 9505

SKU: 9505

Price: ?119.00



## Description

The Nuvair 9505 is a replacement electrochemical oxygen sensor for gas analyzers. This sensor threads onto the analyzer's front face for increased moisture resistance. Under normal use, oxygen sensors have an expected service life of 36 months. The 9505 replacement sensor fits the following analyzers:

- Nuvair Pro O<sub>2</sub> Analyzer

**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.

## Specifications

<b>Output</b>	25±2 mV in air at 25°C/77°F, sea level
<b>Electrical Connector</b>	Mating plug: Molex (PN 22-28-0021 or 22-28-3021 or 22-23-5024)
<b>Range</b>	0-100% Oxygen
<b>Accuracy</b>	± 1% of full scale at constant temperature and pressure (0-1 atm) when calibrated with 100% oxygen
<b>Sensor Type</b>	Electrochemical
<b>Expected Sensor Life</b>	36 months in air at 77°F (25°C) and 50% rh
<b>Response Time</b>	<6 seconds for 90% of final value

<b>Operating Temperature</b>	32-104°F (0-40°C)
<b>Storage Temperature</b>	32-122°F (0-50°C)
<b>Humidity</b>	0-99% rh (non-condensing)
<b>Weight</b>	1 oz (28.3 g)
<b>Application</b>	For diving cylinder oxygen verification and other forms of oxygen testing on the surface/above water. Not intended for underwater use.
<b>Warranty</b>	0 – 12 Months Free Replacement 13 – 18 Months 50% Off Replacement 19 – 24 Months 25% Off Replacement

### **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.