

Oxygen Sensor Replacement | 9510

SKU: 9510

Price: ?119.00



Description

The 9510 is a replacement electrochemical oxygen sensor for gas analyzers. Under normal use, oxygen sensors have an expected service life of 36 months. The 9510 replacement sensor fits the following analyzers:

- Nuair O₂ Quickstick™
- OMS O₂
- UBS O₂ Stick
- Nuair Pro Trimix sold before 04/2013

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

Output	25±2 mV in air at 25°C/77°F, sea level
Electrical Connector	Mating plug: Molex (PN 22-28-0021 or 22-28-3021 or 22-23-5024)
Range	0-100% Oxygen
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/77°F and 50% rh

External Thread Size	M 16X1
Response Time	<6 seconds for 90% of final value
Operating Temperature	32-104°F (0-40°C)
Storage Temperature	32-122°F (0-50°C)
Humidity	0-99% rh (non-condensing)
Weight	1 oz (28.3 g)
Application	For diving cylinder oxygen verification and other forms of oxygen testing on the surface/above water. Not intended for underwater use.
Warranty	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.