

Remote Oxygen Sensor Replacement | 9506

SKU: 9506

Price: ?119.00



Description

The Nuvair 9506 is a remote, inline replacement electrochemical oxygen sensor for gas analyzers. Choose from two options: Remote Oxygen Sensor without Diverter (SKU 9506) or Remote Oxygen Sensor with Diverter (SKU 9506-D).

Under normal use, oxygen sensors have an expected service life of 36 months. The 9506 replacement sensor fits the following analyzers:

- Nuvair Pro O₂ Remote - Handheld (SKU 9452)
- Nuvair Pro O₂ Remote - Panel Mount (SKU 9460)

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	Typical mating plug switchcraft: .141" (3.5mm) miniature phone plugs - screw or clamp-lug terminal Polarity: Tip = negative (-), Sleeve = positive (+)
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
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	1.1 oz (31 g)
Application	For surface/above water in-line gas oxygen analysis; not intended for underwater use.
Warranty	0 – 12 Months Free Replacement 13 – 18 Months 50% Off Replacement 19 – 24 Months 25% Off Replacement
External Thread Size	M 16X1

Third-Party Reseller Gas Analyzer & Sensor Warranty Period

Many Nuvair 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 Nuvair.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. Nuvair takes extra care to ship only recently manufactured sensors and analyzers, ensuring the longest possible lifespan when purchased directly from Nuvair.com.