

Replacement CO2 Sensor

SKU: 9616-SEN

Price: ?1,369.00



Description

Specifications

Flow Rate	0.6-1 L/min
Resolution	50 ppm resolution from 0 to 1000 ppm, then 100 ppm up to full scale
Repeatability	± 2% of full scale @ 68°F (20°C) ambient
Linearity	At ambient temperature and pressure: ± 2% FSD or ± 10% of the reading, whichever is greater
Sensor Type	NDIR (Non-dispersive infrared)
Expected Sensor Life	5-10 years based on analyzer handling and use. Check sensor accuracy frequently with test gas and attempt to recalibrate if reading is inaccurate. Replace sensor if recalibration fails.
External Thread Size	M 16X1
Replacement Procedure	According to the manufacturer, the sensor can be replaced by the user. It is generally not necessary to recalibrate the unit. After replacement the user should check the full scale value of the sensor and the unit to ensure proper operation.
Range	0-2000 ppm
Operating & Storage Temperature	-4° to +122°F (-20° to +50°C)
Operating Humidity	0 to 95% rh, non-condensing
Weight	0.2 oz (6 g)
Warranty	12 months

* All specifications are at ambient/sea level, 77°F (25°C) and are subject to change without notice. Calibration must be confirmed with a calibration CO2 test gas.

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.

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.