

Nuvair CO analyzers detect levels of carbon monoxide that could be harmful to a diver before the gas reaches the diver. Our CO analyzers connect in-line with high pressure compressors to monitor tank fills or on low pressure compressors used by surface-supplied divers. Visual and audible alarms warn of potential CO hazards. Depending on your requirements, we have three styles of CO analyzers that can be portable or mounted directly to the compressor.

FEATURES

- Tank readings through restrictor or in-line monitoring on compressor
- Temperature compensated sensor
- User replaceable battery options
- Low battery warning indicator
- Made to test breathing gases**
- Optional relays for external alarm or compressor control



Handheld



Panel Mount



Waterproof Box

SPECIFICATIONS*

Flow Rate	0.5-5 L/min
Resolution	1 ppm
Repeatability	<+5%
Accuracy	±5%
Sensor Type	Electrochemical
Expected Sensor Life	>24 months in normal use from date of manufacture
Range	0-50 ppm CO
Alarms	Two user-programmable audible and visual alarms
Response Time	<50 seconds over complete temperature range
Operating Temperature	14° to 122°F (-10° to 50°C) continuous -4° to 122°F (-20° to 50°C) intermittent
Operating Humidity	Non-condensing: 15-90% continuous, 0-99% intermittent
Storage Temperature	14° to 140°F (-10° to 60°C)
Power	9 V battery, rechargeable lithium battery, 110/220 V wall plug-in or 12 V DIN rail (panel mount only)
Dimensions	4 x 2 x 5.5 in (10.2 x 5 x 14 cm) panel mount SKU: 9624 2.5 x 1.75 x 4.25 in (6.3 x 4.5 x 10.8 cm) handheld SKU: 9625 3.9 x 8.7 x 7.5 in (9.9 x 22.1 x 19.1 cm) waterproof box SKU: 9626
Weight	9 oz (0.3 kg) panel mount 7.8 oz (0.22 kg) handheld 2 lb 8 oz (1.27 kg) waterproof box
Warranty	12 months from date of purchase, covers parts and labor.

*All specifications are at ambient / sea level, 77°F (25°C) and are subject to change without notice.

**Calibration must be confirmed with calibration CO 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.