

# NUVAIR PRO CO ALARM ANALYZER



**SYNERGY**  
INNOVATIVE DIVING EQUIPMENT TRADING LLC

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Nuvaair 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

## 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<br>-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<br>2.5 x 1.75 x 4.25 in (6.3 x 4.5 x 10.8 cm) handheld SKU: 9625<br>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<br>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.

## 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

### PLEASE NOTE:

Never expose gas sensors to pressure or you may cause damage and/or false readings. Damaged sensors will not provide accurate gas analysis. Inaccurate gas analysis can lead to serious personal injury or death. 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. To produce this flow, a flow restrictor and regulator may be required.



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