

SY-NUVAIR PRO CO2 ALARM ANALYZER

The Pro CO₂ Alarm Analyzer measures carbon dioxide levels of breathing gas mixtures and air. We offer three models: connected in-line on your high or low pressure compressor for continuous monitoring of any CO₂ contamination in your gas. The CO₂ sensor is auto-calibrating and provides a temperature compensated, linear CO₂ measurement over sensing range.

FEATURES

- On / off switch
- Low battery warning indicator
- Two custom audible and visible alarms for low and high set points
- Optional relays for external alarm or compressor control
- Single charge battery life is 20 hours

ADVANTAGES

- Fast response
- Made to test breathing gases
- Easy to operate, reliable and accurate
- Non-dispersive infrared technology
- Modulated infrared light source = no moving parts



Panel Mount



Handheld

SPECIFICATIONS*

SKU: 9617 panel mount / SKU: 9616 handheld / SKU: 9615-LB waterproof

Flow Rate	box
Resolution	0.5-1 L/min
Repeatability	1 ppm
Linearity	±2% of full scale @ 68°F (20°C)
Sensor Type	At ambient temp and constant pressure: ± 2% FSD or ± 10% of the reading, whichever is greater
Expected Sensor Life	NDIR non-dispersive infrared
Range	5 years
Alarms	0-2000 ppm
Response Time	(2) User-programmable audible and visual alarms
Warm-up Time	< 30 seconds @ 68°F (20°C) ambient
Operating Temperature	1 minute @ 68°F (20°C) ambient to final zero ± 0.2% of range; 10 minutes for maximum accuracy
Operating Humidity	-4° to 122°F (-20° to 50°C)
Storage Temperature	0 to 95% rh, non-condensing
Power	-4° to 122°F (-20° to 50°C)
Dimensions (L x W x H)	Rechargeable lithium battery, 110/230 V wall plug-in or DIN rail (9617 only) 4 x 2 x 5.5 in (10.2 x 5 x 14 cm) panel mount 2.5 x 1.75 x 4.25 in (6.3 x 4.5 x 10.8 cm) handheld
Weight	3.9 x 8.7 x 7.5 in (9.9 x 22.1 x 19.1 cm) waterproof box 9 oz (0.3 kg) panel mount / 7.8 oz (0.22 kg) handheld
Warranty	2 lbs 8 oz (1,270 g) waterproof box


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

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. The flow rate of gas must equal 1-5 L/min. To produce this flow, a flow restrictor and regulator may be required.






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