

## FEATURES

- On / off switch
- Low battery warning indicator (9603-LB only)
- Capable of shutting down compressor at set alarm

## ADVANTAGES

- Fast response
- Made to test breathing gasses
- Easy to operate, reliable and accurate
- SKUs:
  - 9603-DP: DIN Rail Plug-in
  - 9603-E: Electrical Plug-In
  - 9603-LB: Lithium Battery



**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\*

	Pro CO	Pro CO <sub>2</sub>	Pro O <sub>2</sub>
Flow Rate	0.5–5 L/min	0.5–1 L/min	0.5–5 L/min
Resolution	1 ppm	1 ppm	1%
Repeatability	<+5%	±2% of full scale @ 68°F (20°C) ambient	N/A
Accuracy	±5%	N/A	±1% of full scale at constant temperature and pressure (0-1 atm) when calibrated with 100% oxygen
Sensor Type	Electrochemical	Non-dispersive infrared (NIDR)	Electrochemical
Expected Sensor Life	>24 months	5 years	36 Months in air at 25°C and 50% rh
Range	0–50 ppm CO	0–2000 ppm	0–100% oxygen
Alarms	(2) user-programmable audible and visual alarms	(2) user-programmable audible and visual alarms	N/A
Response Time	<50 seconds over complete temperature range	< 30 seconds @ 68°F (20°C) ambient	<6 seconds for 90% of final value
Operating Temperature	14° to 122°F (-10° to 50°C) continuous -4° to 122°F (-20° to 50°C) intermittent	-4° to 122°F (-20° to 50°C)	32° to 104°F (0° to 40°C)
Operating Humidity	15-90% continuous; 0-99% intermittent	0 to 95% rh, non-condensing	0 to 99% rh, non-condensing
Storage Temperature	14° to 140°F (-10° to 60°C)	-4° to 122°F (-20° to 50°C)	32° to 122°F (0° to 50°C)
Dimensions (L x W x H)	6 x 6 x 5 in (15 x 15 x 13 cm)		
Weight	4 lb (1.8 kg)		
Warranty	1 year limited		

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