

## 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



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 0.5-5 L/min. To produce this flow, a flow restrictor and regulator may be required.

## SPECIFICATIONS\*

|                        | Pro CO   | Pro CO <sub>2</sub>                             | Pro O <sub>2</sub>  |
|------------------------|--|---|---|
| Flow Rate              | 0.5 to 5 L/min   | 0.5 to 1 L/min                                  | 0.5 to 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<br>-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 lbs (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.