



# Nuvair™ Pro CO2

The Carbon Dioxide Analyzer For the Safe Diver

### 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

### Features

- On/Off Switch
- Response Time of 90% in less than 25 seconds
- Low Battery Warning Indicator
- 1 ppm CO2 Resolution on Digital Display
- Switchable Ranges of 0-500 ppm and 0-2000 ppmCO2



### Specifications Pro CO<sub>2</sub> \*

Maximum Gas Flow Rate	650 mL/min
Accuracy (assumes accurate recent calibration)	Better than $\pm 2$ ppm
Repeatability (assumes stable atm press and temp)	Better than $\pm 1$ ppm
Maximum Drift (per year)	$\pm 100$ ppm
Response Time (@ 250 mL/min; to 95% of final value)	ca. 25 sec
Warm up time (@22° C)	ca. 5 min
Output (linear) for Low Sensitivity Setting	0-5 VDC for 0-2000 ppm
Output (linear) for High Sensitivity Setting	0-5 VDC for 0-500 ppm
Calibration Adjustments	Zero and Span
Operating Temperature Range	0 to 50° C
Storage Temperature Range	-40 to 70° C
Operating Pressure Range	$\pm 1.5\%$ Local Mean Pressure
Humidity Range	5 to 95% RH, Non-Condensing
Power Requirements	15 VDC via 120 VAC/60 Hz Adapter or Rechargeable Internal Battery
Battery Operation	Up to 90 Minutes
Battery Type	Sealed Lead-Acid
Battery Voltage/Rating	12 VDC @ 0.5 Ah
Recharge Time	6-8 Hours
Operating Lifetime	500 Recharges
Dimensions (H x W x D)	14.5" x 8" x 7.5" (36.8 x 20x 19 cm)
Weight	500 g
Warranty	1 Year Limited

\*Specifications subject to change without notice.

[info@nuvair.com](mailto:info@nuvair.com)      [www.nuvair.com](http://www.nuvair.com)  
 Phone: 1-805-815-4044    Fax: 1-805-815-4196  
 2949 West Fifth Street Oxnard, CA 93030 USA