



### Features

- Triple LCD display simultaneously monitors carbon dioxide (CO<sub>2</sub>), relative humidity and temperature
- Automatically calculates dew point and wet bulb
- Calculates statistical weighted averages of TWA (8 hour time weighted average) and STEL (15 minute short term exposure limit)
- User adjustable audible alarm
- Data hold, Max/Min and average functions
- Low battery indicator and auto shut off
- Includes batteries and hard carrying case

### TECHNICAL DATA

#### Specifications

##### Temperature

Measuring Range: 14 to 140°F (-10 to 60°C)  
Accuracy: ±0.9°F (±0.6°C)  
Resolution: 0.1°F/°C

##### Humidity

Measuring Range: 0 to 99.9% RH  
Accuracy: ±3% (10 to 90% RH)  
±5% (<10% & >90% RH)  
Resolution: 0.1% RH

##### CO<sub>2</sub> (Carbon Dioxide)

Measuring Range: 0 to 5,000 ppm  
Accuracy: < 999 ppm: ±40 ppm  
>1,000 ppm: ±5% Rdg  
Resolution: 1 ppm

##### General Specifications

Response Time: 1 second  
Display: Triple LCD display  
Backlit Display: Yes  
Dew Point/Wet Bulb Calculation: Yes  
Data Hold: Yes  
Min, Max and Avg Functions: Yes  
CO<sub>2</sub> Short Term Exposure Limit (STEL): Yes (15 minutes)  
CO<sub>2</sub> Time Weighted Average (TWA): Yes (8 hours)  
Alarm: Yes (audible)  
Auto Shut-off: Yes (after 20 minutes/off)  
Low Battery Indicator: Yes  
Power Supply: 4 "AA" Batteries  
Battery Life: Approx. 24 hours (continuous use)  
Product Certifications: CE  
Operating Temperature: 14 to 122°F (-10 to 50°C)  
Storage Temperature: 14 to 140°F (-10 to 60°C)  
Operating Humidity: 10 to 85%  
Dimensions: 7.9 x 2.7 x 2.3" (200 x 70 x 57 mm)  
Weight: 6.7 oz (190 g)

Model	Description
R9900	Indoor Air Quality CO <sub>2</sub> Meter
R9933	Humidity Calibration Standard, 33%
R9975	Humidity Calibration Standard, 75%
R9980	Humidity Calibration Kit (33% and 75%)
CA-52A	Soft Carrying Case
R9900-NIST	Indoor Air Quality CO <sub>2</sub> Meter & NIST