



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

CO₂ (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
CO₂ Short Term Exposure Limit (STEL): Yes (15 minutes)
CO₂ 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)

Features

- Triple LCD display simultaneously monitors carbon dioxide (CO₂), 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

Model	Description
R9900	Indoor Air Quality CO ₂ 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 ₂ Meter & NIST