

INDOOR AIR QUALITY METER

TECHNICAL DATA

FEATURES

- Simultaneously monitors carbon dioxide (CO₂), relative humidity and temperature
- Instantaneous readings are displayed on a high resolution LCD with backlight
- Dew point and wet bulb temperatures can also be displayed
- Displays STEL readings (Short-Term Exposure Limit) over a 15-minute period and TWA readings (Time-Weighted Average) over a period of 8 hours
- Hold function freezes displayed reading
- Maximum, minimum and average functions
- Low drift, non-dispersive infrared CO₂ sensor
- Audible warning alarm of excessive CO₂ concentrations
- RS232 output

SPECIFICATIONS

Ranges: CO₂: 0 to 5,000 ppm;
Temperature: -10 to 60°C (14 to 140°F);
Humidity: 0 to 99.9% RH; Dew Point: -73.4 to 60°C;
Wet Bulb: -13.3 to 60°C

Resolution: CO₂: 1 ppm; Temperature: 0.1°C/°F;
Humidity: 0.1% RH

Accuracy: CO₂: ±5% rdg. ±50 ppm; Temperature:
±0.6°C (±0.9°F); Humidity: ±3% RH @ 25°C
(10 to 90% RH) ±5% RH <10% & >90%

Sensors: CO₂: Non-Dispersive Infrared (NDIR);
Humidity: Rotronic capacitor

Response Time: 30 seconds

Alarms: Audible: 80dB

Power Supply: 4 x "AA" alkaline batteries

Battery Life: 24 hours



ORDERING INFORMATION

R9900 Indoor Air Quality Meter
RHA-33 33% Humidity Calibration Standard
RHA-75 75% Humidity Calibration Standard
VW3USB11A RS232 to USB Converter Cable
CERTIMTF3 NIST Calibration Certificate
R9900-NIST IAQ Meter & NIST