



Features

- Simultaneously monitors carbon dioxide (CO₂), temperature and relative humidity
- Low-drift NDIR CO₂ sensor for stable and accurate readings
- User selectable unit of measure (°C or °F)
- 7"(178 mm) high-resolution color TFT LCD (1024 x 600 pixels)
- User adjustable high and low alarms
- Max/Min Display
- Internal 16 GB memory stores data points in CSV format
- User selectable sampling rate from 1 sec to 24 hrs
- Internal time and date stamp
- Rechargeable li-ion battery
- Built-in desk stand and wall mounting bracket
- Low battery indicator
- Includes indoor air quality meter, desktop/wall mount, USB cable, power adapter

Model	Description
R9920	Indoor Air Quality Meter
R9920-NIST	Indoor Air Quality Meter & NIST

Specifications

Temperature

Measuring Range: 32 to 122°F (0 to 50°C)
 Accuracy: ±1.8°F (1°C)
 Resolution: 0.1°F/°C

Humidity

Measuring Range: 0 to 100% RH
 Accuracy: ±3.5% (20-80% RH) ±5% (<20% & >80% RH)
 Resolution: 0.1% RH

CO₂ (Carbon Dioxide)

Sensor Type: Nondispersive Infrared (NDIR)
 Measuring Range: 0 to 9999ppm
 Accuracy: ±5% rdg +75ppm
 Resolution: 1ppm
 Response Time: <2 seconds

General Specifications

Display: 7" High-resolution color TFT
 Display Resolution: 1024 x 600 pixels
 Adjustable Brightness: Yes
 Min: Yes
 Max: Yes
 Datalogging Capabilities: Yes
 Real-Time Clock and Date Stamp: Yes
 Selectable Sampling Rate: Yes (between 1second and 24 hours)
 Internal Memory: Yes (16 GB)
 Alarms: Yes (Low and High)
 Kick Stand: Yes
 Wall Mountable: Yes (bracket included)
 Low Battery Indicator: Yes
 Power Supply: 3000mAh rechargeable Li-ion battery/Power Adapter
 Battery Life: ~2 hours
 Charge Time: ~9 hours
 PC Connectivity: USB Cable (Type-C)
 USB Cable Length: 10' (3m)
 Product Certifications: CE
 Operating Temperature: 14 to 104°F (10 to 40°C)
 Storage Temperature: 14 to 104°F (10 to 40°C)
 Operating Humidity Range: 0 to 100%
 Maximum Operating Altitude: 6561' (2000m)
 Dimensions: 7.8 x 4.6 x 1" (198 x 118 x 25.7mm)
 Weight: 12.9oz (365g)

TECHNICAL DATA