

Indoor Air Qualty Meter Model R9920



TECHNICAL DATA



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 (O to 50°C) Accuracy: ± 1.8 °F (1°C)

Resolution: 0.1°F/°C

Humidity

Measuring Range: O to 100% RH

Accuracy: ±3.5% (20-80% RH) ±5% (<20% & >80% RH)

Resolution:

CO, (Carbon Dioxide)

Sensor Type: Nondispersive Infrared (NDIR)

0.1% RH

Measuring Range: O 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:

Internal Memory:

Selectable Sampling Rate: Yes (between 1 second

and 24 hours) Yes (16 GB)

Yes

Alarms: Yes (Low and High)

Kick Stand: Ye

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 $104^{\circ}F$ (10 to $40^{\circ}C$) Storage Temperature: 14 to $104^{\circ}F$ (10 to $40^{\circ}C$)

Operating Humidity Range: O 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)