



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:

Accuracy:

Resolution:

Humidity

Measuring Range:

Accuracy:

Resolution:

CO₂ (Carbon Dioxide)

Sensor Type:

Measuring Range:

Accuracy:

Resolution:

Response Time:

General Specifications

Display:

Display Resolution:

Adjustable Brightness:

Min:

Max:

Datalogging Capabilities:

Real-Time Clock and

Date Stamp:

Selectable Sampling Rate:

Internal Memory:

Alarms:

Kick Stand:

Wall Mountable:

Low Battery Indicator:

Power Supply:

Battery Life:

Charge Time:

PC Connectivity:

USB Cable Length:

Product Certifications:

Operating Temperature:

Storage Temperature:

Operating Humidity Range:

Maximum Operating Altitude:

Dimensions:

Weight:

TECHNICAL DATA

32 to 122°F (0 to 50°C)

±1.8°F (1°C)

0.1°F/°C

0 to 100% RH

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

0.1% RH

Nondispersive Infrared (NDIR)

0 to 9999ppm

±5% rdg +75ppm

1ppm

<2 seconds

7" High-resolution color TFT

1024 x 600 pixels

Yes

Yes

Yes

Yes

Yes

Yes (between 1second
and 24 hours)

Yes (16 GB)

Yes (Low and High)

Yes

Yes (bracket included)

Yes

3000mAh rechargeable
Li-ion battery/Power Adapter

~2 hours

~9 hours

USB Cable (Type-C)

10' (3m)

CE

14 to 104°F (10 to 40°C)

14 to 104°F (10 to 40°C)

0 to 100%

6561' (2000m)

7.8 x 4.6 x 1"
(198 x 118 x 25.7mm)

12.9oz (365g)