TECHNICAL DATA

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

CO_2 (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)

Features

- Simultaneously monitors carbon dioxide (CO_2), temperature and relative humidity
- Low-drift NDIR CO_2 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