Air Quality Meter PCE-RCM 16

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Air quality meter for measuring the air quality / 4.3 inch TFT display / Metal housing / Alarm function / TVOC, CO2, PM1, PM 2.5, PM10, temperature, humidity measurement / Rechargeable battery / For enclosed spaces / Limit alarm

The air quality meter PCE-RCM 16 is ideal for monitoring the air quality in homes, businesses or public buildings where people are staying. The 4.3-inch TFT display on the air quality meter is dimensioned so that all measured values can be read directly. Supported measurements on the air quality meter are CO2, TVOC, PM1, PM2.5, PM10, temperature and ambient humidity. On the display of the air quality meter, the measured values are updated every second. As soon as a measured value exceeds the fixed limit, this is visually indicated to the user.

To power the air quality meter can be operated directly via the micro USB port on the back. The built-in battery with the air quality meter is charged via this interface. Thus, the air quality meter is versatile. It should be noted that the measured values settle within 24 hours after switching on the air quality meter.

- 4.3-inch TFT screen
- Many different measuring functions
- Robust metal housing
- Calculation of the air quality index (AQI)
- Rechargeable battery via micro USB
- Adjustable alarm clock
- Different display modes
- Fixed limit function

Specifications:

Measurement function TVOC

Measuring range	**0.000 ... 9.999 mg / m³**
Resolution	0.001 mg / m³
Accuracy	± 10% of the measured value

Measurement function PM1, PM 2.5, PM10

Measuring range	**0 ... 999 µg / m³**
Resolution	1 µg / m³
Accuracy	± 10% of the measured value

Measuring function temperature

Measuring range	**0 ... 50°C / 32 ... 122°F**
Resolution	1°C / 1.8°F
Accuracy	± 1°C / 1.8°F

Moisture measurement function

Measuring range	**20 ... 90% rh**
Resolution	1%
Accuracy	± 4%

Measurement function CO2

Measuring range	**0 ... 5000 ppm / m³**
Resolution	1 ppm / m³

Accuracy	± 10% of the measured value
Settling	About 24 hours
Display	TFT display, 4.3 inches
Environmental conditions	0 ... 50°C / 32 ... 122°F, max. 90% rh
Connection	Micro USB for charging the battery
Power supply	5V / 2A
Battery pack	3000-mAh
Casing	Metal
Dimension	191 x 78 x 67.5 mm / 7.5 x 3 x 2.7 in
Weight	336 g / < 1 lb

Delivery Scope

1 x Air quality meter PCE-RCM 16
1 x Micro USB cable
1 x User manual