

AIR QUALITY METER

PCE-OD 10



- » **Ozone, temperature, humidity**
- » **Audible alarm**
- » **Alarm value 3 ppm**
- » **LCD display 0.9 inch**
- » **Standby mode**
- » **Rechargeable battery via USB-C**
- » **Compact size**

An air quality meter is used to monitor the ozone concentration in the air and to measure temperature and humidity. The air quality meter detects ozone in the range of 0 ... 9.9 ppm with an accuracy of $\pm 15\%$ of the measured value. The temperature is measured between 0 ... 50°C / 32 ... 122°F with $\pm 1^\circ\text{C}$ / 1.8°F accuracy, the humidity in the range of 5 ... 95% with $\pm 5\%$ accuracy. The device has an audible alarm when the preset alarm value of 3 ppm is exceeded and displays all values on a 0.9 inch LCD display. Other features include standby mode, rechargeable lithium battery via USB-C, compact size and a wrist strap for mobile use.

The air quality meter is suitable for mobile use in homes, offices, workshops, small production areas or private applications where ozone pollution needs to be monitored. With its compact design, measurements can be taken directly on site, making the air quality meter a practical instrument for reliable monitoring of ozone, temperature and humidity. By combining the three measuring functions, the air quality meter provides all relevant information for fast and standardized environmental monitoring.

Specification

Relative humidity

Measurement range up to 5 ... 95 %

Resolution 1 %

Accuracy ± 5 %

Ozone

Measurement range up to 0 ... 9,9 ppm

Resolution 0,1 ppm

Accuracy ± 15 % FS

Temperature

Measurement range up to 0 ... 50 °C

Resolution 1 °C

Accuracy ± 1 °C

General technical data

Display type LCD

Display size 0,9 Inch

Service life approx. 2 years

Operating time 24 h

Alarm Acoustic

Alarm value 3 ppm

Alarm volume 85 dB

Menu language English, English (GB)

Protection class (device) IP20

Power supply 5 V DC

(Rechargeable) battery 1 x 3,7 V internal , Lithium-ion polymer battery

Capacity 400 mAh

Operating conditions 0 ... 50 °C , 0 ... 95 % RH

Storage conditions -10 ... 60 °C , 0 ... 80 % RH

Dimensions (L x W x H) 70 x 26 x 16 mm

Weight 32 g