Thermometer PCE-HFX 100
Formaldehyde monitor for indoor air quality measurement /
Measurement of temperature and air temperature / LCD with lighting

The thermometer is specially designed for monitoring the ventilation quality of interiors. We all know how the importance of the indoor climate in the workplace, in schools, kindergartens etc. The performance of an individual depends on the air quality at the workplace.

The air quality monitor PCE-HFX 100 continuously checks the formaldehyde content in the room air. This reading will be displayed in large characters on the LCD. Furthermore, temperature and humidity are measured and visualized. To alert you of an excessive HCHO content, the air quality meter has a switchable LCD illumination. This changes from white to red when a critical amount has been exceeded. Then, for example, it is recommended to open a window to restore good air quality. The air quality meter is powered by a rechargeable battery and can be charged via the micro USB socket.

- Measurement of formaldehyde
- Large LCD display
- Alarm function
- Battery and mains operation
- Display of temperature and humidity
- Ideal for continuous monitoring

Specifications:

Measuring Function Formaldehyde HCHO

Measuring range	0 ... 2 mg/m³
Resolution	0.01 mg/m³
Accuracy	<0.6 mg/m³: ±0.06 mg/m³
	>0.6 mg/m³: ± 10%

Measuring Function Temperature

Measuring range	-10 ... 50°C / 14 ...122°F
Resolution	0.1°C / 0.18°F
Accuracy	± 1°C / 1.8°F

Measuring Function Humidity

Measuring range	0 ... 99% r.H.
Resolution	1% r.H.
Accuracy	30 ... 80% r.H.: ± 5% r.H.
	Restl Ber.: ± 8% r.H.

Display	LCD with lighting
Display of low battery voltage	Per symbol in the display
Power supply	3.7V Li-Ion battery
Operating conditions	0 ... 50°C / 32 ... 122°F / max. 85% r.H.
Storage conditions	-20 ... 60°C / -4 ... 140°F / max. 95% r.H.
Weight	195 g / < 1 lb
Dimensions	75 x 55 x 130 mm / 2.9 x 2.1 x 5.1 in

Delivery scope:
1 x Thermometer PCE-HFX 100
1 x Micro-USB cable
1 x User manual