FORMALDEHYDE METER

PCE-VOC 5



- **Measurement of HCHO, TVOC, temperature, humidity**
- **Audible alarm**
- **Data storage**
- **2.8 inch LCD color display**
- **Adjustable measuring rate**
- **Air quality display**
- **Active ventilation**

The formaldehyde meter is a versatile device for monitoring the air quality in indoor spaces such as homes, offices, workshops, schools or public facilities. It is used for the simultaneous measurement of formaldehyde (HCHO), volatile organic compounds (TVOC), ambient temperature and relative humidity. The formaldehyde meter has a 2.8-inch color display that shows all measured values in real time and also visually assesses the air quality in three stages - green for "good", yellow for "poor" and red for "very poor". The formaldehyde meter also has an acoustic alarm function with adjustable threshold values and sound types, which is triggered when defined measured values are exceeded.

For data storage, the device offers space for up to 200 measuring points on 5 pages, which corresponds to a total capacity of 1000 measurements per measured variable. The values for formaldehyde, TVOC and temperature are stored. The storage intervals and the number of collection points can be set individually, whereby the stored data can only be retrieved at any time via a playback function in the device. Other functions include a real-time clock, battery status display, adjustable measuring rate, automatic switch-off time, adjustable screen brightness and the option of active fan control. The temperature unit can be switched between Celsius and Fahrenheit.

The formaldehyde meter is powered by an integrated 3.7V Li-Po battery and charged via a USB type C cable.

Specification

Formaldehyde	
Measuring range	0 ... 6,25 mg/m³
Resolution	0,01 mg/m³
Accuracy	±5 PER CENT FS
Formaldehyde	
Measuring range	0 ... 5 ppm
Resolution	0,01 ppm
Accuracy	±5 PER CENT FS
TVOC	
Measuring range	0 ... 10 mg/m³
Resolution	0,01 mg/m³
Accuracy	±0.1 mg/m³
Relative humidity	
Measuring range	10 ... 90 % RH
Resolution	1 % RH
Accuracy	±5 r.F.
Temperature	
Measuring range	0 ... 50 °C
Resolution	1 °C
Accuracy	±1 °C
Temperature	
Measuring range	32 ... 122 °F
Resolution	1,8 °F
Accuracy	±1.8°F

General technical data	
Display type	LC colour display
Display size	2,8 Inch
Adjustable measuring rate	0.5 ... 2 s
Storage medium	Internal memory
Storage capacity	1000 Measurements
Memory information	1000 measuring points per measured variable
Storage interval from	1 s
Storage interval to	90 s
Interface	USB-C
Operating time	5 h
Automatic power-off from...to	5 ... 30 min.
Alarm	Acoustic
Alarm settings	0.05 ... 0.5 mg/m³
Menu language	English, English (GB)
Protection class (device)	IP20
(Rechargeable) battery	1 x 3,7 V internal , Lithium polymer battery
Capacity	1500 mAh
Operating conditions	0 ... 50 °C , 10 ... 90 % RH
Storage conditions	0 ... 50 °C , 10 ... 90 % RH
Dimensions (L x W x H)	150 x 67 x 23 mm
Weight	145 g

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