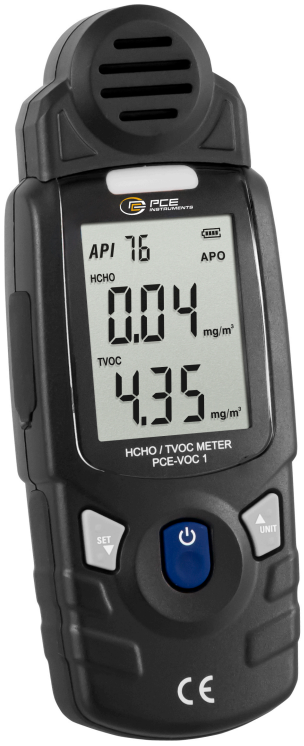
FORMALDEHYDE METER

PCE-VOC 1



- **Measures total volatile organic compound (TVOC) and formaldehyde (HCHO) levels**
- **Displays units in parts per million (ppm) or milligrams per cubic meter (mg/m³)**
- **Long-lasting rechargeable lithium-polymer (LiPo) battery**
- **Audible and visual alarms**
- **Large, easy-to-read LCD screen**
- **User-friendly three-button operation**
- **Compact and lightweight yet heavy-duty design**

This portable handheld volatile organic compound (VOC) and formaldehyde (HCHO) meter or gas leak detector for indoor air quality (IAQ) monitoring applications. This easy-to-use VOC meter is ideal for measuring total volatile organic compound (TVOC) and formaldehyde (HCHO) levels in homes, offices, factories, laboratories, hotels, schools and other indoor environments. The VOC meter's long-lasting rechargeable lithium-polymer (LiPo) battery and included 9V power adapter/charger ensure uninterrupted IAQ monitoring.

Featuring a compact and lightweight yet heavy-duty design, the VOC meter displays units in parts per million (ppm) or milligrams per cubic meter (mg/m³). In addition to emitting an audible alarm, the device's large, easy-to-read LCD screen turns red when a critical VOC or HCHO level is reached.

What are volatile organic compounds (VOCs)?
VOCs are airborne gaseous or vaporous substances of organic origin. Examples of VOCs include hydrocarbons, alcohols, aldehydes and organic chemicals.

Where do VOCs come from?
Many detergents, solvents, paints, varnishes, adhesives and other synthetically manufactured substances can produce VOCs. In addition, numerous naturally occurring organic compounds formed by biological processes such as plant metabolism, decay and degradation can create VOCs.

How do VOCs get into the air?
VOCs can become airborne through evaporation or emission.

Specification

Formaldehyde	
Measuring range	0 ... 5 mg/m³
Resolution	0,01 mg/m³
Accuracy	±5 % FS
TVOC	
Measuring range	0 ... 9,99 mg/m³
Resolution	0,01 mg/m³
Accuracy	±5 % FS

General technical data	
Display Typ	LCD with illumination
Response time Additional information	HCHO: < 2 seconds TVOC: max. 30 minutes
Charging time	2 h
Automatic power-off	30 min.
Repeatability	2 %
Alarm	optical, Acoustic
Menu language	English (US), English (GB)
Protection class (device)	IP20
Power supply	9V DC / 1 A
Connector type	Device Europlug
Battery/battery	1 x 7,4 V intern , Lithium polymer battery
Battery capacity	1200 mAh
Operating conditions	0 ... 40 °C , 20 ... 85 (non-condensing)%RH
Storage conditions	-10 ... 60 °C , 20 ... 85 (non-condensing)%RH
Dimensions (L x W x H)	165 x 60 x 25 mm
Weight	584 g