

MULTI-GAS DETECTOR

PCE-GA 25



- » **Simultaneous measurement of up to 4 gases**
- » **Visual, audible and vibration alarm**
- » **LCD display with real-time values**
- » **Memory for alarm events**
- » **Robust housing with IP66 rating**
- » **Li-ion battery for up to 8 hours of operation**
- » **Self-test and calibration function**

The multi-gas detector is a versatile multiple gas detector for simultaneous monitoring of up to four gases, including combustible gases (Ex), oxygen (O₂), carbon monoxide (CO) and hydrogen sulfide (H₂S). Thanks to modern electrochemical and catalytic sensors, the multi-gas detector ensures high measurement accuracy of $\leq \pm 5\%$ of the final value and delivers reliable results even under demanding environmental conditions. The multi-gas detector has an easy-to-read LCD display with backlighting that clearly shows real-time measurements, system status, date, time and battery level. If the preset alarm limits are exceeded, the device immediately warns the user with visual, audible and vibration alarms. The alarm parameters – including low and high thresholds as well as STEL and TWA limits – can be individually adjusted to meet specific operational requirements and legal specifications.

In addition to classic measurement mode, the multi-gas detector offers extensive additional functions such as self-test, zero and multi-point calibration, and an internal memory for alarm and measurement events. This also makes it suitable for documenting occupational safety measures and for test reports. The intuitive menu navigation via an ergonomic keypad allows for easy operation even when wearing protective gloves.

The integrated Li-ion battery provides up to 8 hours of operation and can be quickly recharged.

Specification

Gas	
Gas	Flammable gases
Measuring range	0 ... 100 ppm
Resolution	1 ppm
Accuracy	±5% FS

Gas	
Gas	Hydrogen Sulphide
Measuring range	0 ... 100 ppm
Resolution	1 ppm
Accuracy	±5% FS

Gas	
Gas	CO
Measuring range	0 ... 1000 ppm
Resolution	1 ppm
Accuracy	±5% FS

Gas	
Gas	Oxygen
Measuring range	0 ... 30 % vol
Resolution	0,1 % vol
Accuracy	±5% FS

General technical data	
Display type	LCD with backlight
Display size	2 Inch
Storage medium	Internal memory
Storage capacity	1000 Values
Memory capacity (additional information)	1000 values per channel. A total of 4000 values.
Response time	60 s
Response time Additional information	T90
Operating time	8 h
Charging time	6 h
Alarm	optical, Acoustic, Vibration
Alarm modes	Lower alarm Upper alarm Alarm ranges see instructions
Menu language	English (GB), English, Spanish, Chinese
Protection class (device)	IP66
Power supply	5 V DC
(Rechargeable) battery	1 x 3,7 V internal , Lithium-ion battery
Capacity	1800 mAh
Operating conditions	-10 ... 50 °C , 95 % RH
Storage conditions	-10 ... 50 °C , 95 % RH
Dimensions (L x W x H)	137 x 72 x 32 mm
Weight	258 g