

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

Measurement range up to 0 ... 100 ppm

Resolution 1 ppm

Accuracy ±5% FS

Gas

Gas Hydrogen Sulphide

Measurement range up to 0 ... 100 ppm

Resolution 1 ppm

Accuracy ±5% FS

Gas

Gas CO

Measurement range up to 0 ... 1000 ppm

Resolution 1 ppm

Accuracy ±5% FS

Gas

Gas Oxygen

Measurement range up to 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 100 Data records

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