**Pac® 8000**

Portable single-gas detector Cl2, CO2, COCl2, HCN, NH3, NO, NO2, O3 or PH3

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**Technical specifications**

- **Dimensions without clip (W x H x D):** 64 x 84 x 20 mm
- **Weight:** Approx. 106 g (113 g with clip)
- **Battery service life:** 2 years
- **Protection class:** IP68
- **Air pressure:** 700 to 1,300 hPa
- **Air humidity:** 10 to 90% relative humidity, non-condensing
- **Temperature:** -30 °C to +55 °C
- **Certifications:** cCSAus, IECEx, ATEX, CE

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**Product Description**

**Sensors for special gases**

The Pac® 8000 performs especially well when detecting a variety of special gases: it can detect ozone (O3) from concentrations as low as 0.02 ppm and phosgene (COCl2) starting at 0.01 ppm. It can also be equipped with sensors for ammonia (NH3), chlorine gas (Cl2), hydrogen cyanide (HCN), carbon dioxide (CO2), nitrogen monoxide (NO), nitrogen dioxide (NO2), phosphine (PH3) and organic vapors (OV or OV-A). Its powerful sensors with a low T-90 response time ensure quick reactions.

**Robust design – even for the toughest conditions**

The Pac® 8000 can easily handle diverse and even extreme conditions. The sensors can tolerate air pressures between 700 and 1,300 mbar. The shock-proof, chemical-resistant housing meets the requirements specified by the IP68 standard.

The Pac® 8000 is protected against water, dust and other foreign bodies by a special membrane filter. When the filter becomes heavily soiled, it can be quickly and easily replaced.

**Easy handling thanks to clear user guidance**

The D-Light indicates if the device has been tested and that it is ready to use. The large display clearly indicates the respective gas concentrations. Other important information, such as the unit of concentration and battery capacity, are also displayed. The bright backlighting ensures that all values can be clearly read in the dark.

**360° alarm with various functions**

If the Pac® 8000 detector detects hazardous gas concentrations, it triggers an audible, visual and noticeable vibrating alarm. Two bright, flashing LEDs on the top and bottom of the device ensure that the alarm is easily visible from all sides. The acoustic signal reaches a volume of 90 dB.

**Data recording for analysis and reports**

Pac® 8000 logs concentration levels and alarm events with their date and time. The data can be transferred to a PC via an interface and processed further (even if the events have already been acknowledged).