![GazDetect logo] GazDetect — Every day Safer

Visit our websites:
www.gazdetect.com
Online store: www.safetygas.com

▸ Pac® 8000

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

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

Gaz	Plage de mesure	Seuils d'alarme (A1 / A2)	Ref.
Ammonia	0-300 ppm NH3	20 / 40 ppm	83 26 354
Chlorine	0-20 ppm Cl2	0.5 / 1 ppm	83 26 352
Hydrogene cyanide	0-50 ppm HCN	1.9 / 3.8 ppm	83 26 353
Nitrogen dioxide	0-50 ppm NO2	0.5 / 1.0 ppm	83 26 358
Carbon dioxide	0-50 vol.% CO2	0.5 / 1vol.%	83 26 351
Nitric Oxide	0-50 ppm NO	25 / 50 ppm	83 26 350
Ozone	0-10 ppm O3	0.1 / 0.2 ppm	83 26 359
Phosgene	0-10 ppm COCL2	0.1 / 0.2 ppm	83 26 360
Phosphine	0-20 ppm PH3	0.1 / 0.2 ppm	83 26 355
Organic vapor	0-200 ppm OV	10 / 20 ppm	83 26 356
Organic vapor	0-200 ppm OV-A	10 / 20 ppm	83 26 357

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).