

► Pac® 6000

2 years disposable single-gas detector (CO, H₂S, SO₂ or O₂)



Product description

The **Pac® 6000** is a disposable single gas detection device with a 2 year lifetime that warns against hazardous concentrations of carbon monoxide (CO), hydrogen sulfide (H₂S), sulfur dioxide (SO₂) or oxygen (O₂) with precision.

A « D-Light » LED indicates if the device has been tested and is ready to use. The **Pac® 6000** housing is also designed to ensure safety: each sensor variant features a clearly visible color coding, thereby minimizing the chance of mistakes.

A membrane filter protects the sensor from foreign matter such as dust and liquids. The shock-proof & chemical resistant housing meets the requirements specified by the IP68 standard. The **Pac® 6000** is protected against water, dust and other foreign bodies by a special membrane filter.

► Clear and precise indications

The large display clearly indicates the respective gas concentrations. Other important information, such as remaining operating time and battery capacity, is also displayed. The bright backlighting ensures clear reading of all values in the dark. The display can show peak concentration measured at any given moment. Previous alarm events can also be retrieved at a later time from the device's internal memory, even if acknowledged.

If the **Pac® 6000** detects hazardous gas concentrations, it sets off an audible, visual, and efficient 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 alarm reaches a volume of 90 dB.

► Lifetime : 2 years

Neither the sensor nor the battery need to be changed for the entire two-year maintenance-free service life of the H₂S, SO₂ and CO versions of the device. The service life of the **Pac® 6000** starts when it is first activated. The device automatically switches off after two years.

The Pac® 6000 equipped with an oxygen sensor has two additional alarm thresholds (in addition to the standard alarm threshold setting) and needs a battery replacement after one year (minimum).



Technical specifications

The **Pac® 6000** disposable personal gas detector monitors CO, H₂S, SO₂ or O₂ concentrations reliably and precisely, even in the toughest conditions. The robust design, quick sensor response times, and a powerful battery ensure maximum safety for up to two years with virtually no required maintenance.

Dimensions without clip (W x H x D): 64 x 84 x 20 mm

Weight: Approx. 106 g (113 g with clip)

Device service life:

2 years from first activation

Battery service life: 2 years (O₂ minimum 12 months)

Degree of protection: IP68

Air humidity: 10 to 90% relative humidity, non-condensing

Temperature: -30 °C to +55 °C

(briefly down to -40 °C for 1 hour, depending on sensor)

Certifications: cCSAus, IECEx, ATEX, CE

Gas	Measuring range	Alarm thresholds (A1 / A2)	Ref.
Hydrogen sulfide	0 - 100 ppm H ₂ S	5 / 10 ppm	83 26 320
Carbon monoxide	0 - 2000 ppm CO	30 / 60 ppm	83 26 321
Oxygen	0 - 25% vol. O ₂	19 / 23% vol.	83 26 322
Sulfur dioxide	0 - 100 ppm SO ₂	0.5 / 1.0 ppm	83 26 323