

► PDM+ H2O2

Portable H2O2 detector (hydrogen peroxide)



Technical specifications

Measured gases: Hydrogen peroxide (H2O2)

Sensor type: Electrochemical sensor

Measuring range: 0 - 99 ppm

Resolution: 0.1 ppm

Display: LCD

Events log: last 30 events

Alarms:

- Audible: 95 dB at 30 cm
- Visual: Red flashing LED
- Vibrating

Type of alarm:

- Low and high alarm
- STEL and TWA alarm (limit and average exposure value)
- Low battery alarm
- Calibration alarm to be made

Battery: Lithium 3.6 Vdc

Case: Polycarbonate and rubber

Dimension: 85 x 48 x 22 mm

Weight: 93 grams

Operating conditions:

- Temperature: -40°C to +50°C
- Humidity: 5 to 95% TH (non-condensing)

Protection class: IP67

Warranty: 24 months

Product description

With its ergonomic design and large LCD display for maximum readability, the The **WatchGas PDM+ portable H2O2 detector** is a simple and economical solution for hydrogen peroxide detection in the water treatment, pharmaceutical and medical industries.

Protected by a robust and waterproof case (IP67 protection class), it is particularly suitable for use in the most difficult industrial environments (dustproof and immersion in 1 meter of water for 30 minutes).

The **WatchGas PDM+ portable H2O2 detector** has two instantaneous alarms (low and high thresholds) and calculates STEL and TWA (Threshold Limit Value and Average Exposure Value). Two bright red LEDs provide quick notification of events. It is also equipped with a recorder of the last 30 events.

Compact, small (dimensions 85 x 48 x 22 mm) and very light (only 936 grams), the **WatchGas PDM+ H2O2 portable detector** is made of robust materials for use in hostile environments.

► Fields of application:

Hydrogen peroxide is best known in its liquid form, oxygenated water. In its gaseous or liquid state, this substance is colorless and odorless and therefore undetectable by humans. It is a corrosive substance, harmful by inhalation (R20) and ingestion (R22) and likely to cause severe burns (R35). It is mainly found in the following fields of activity:

- Paper mills and textile industry (as bleaching agent)
- Food industry (disinfection of packaging)
- Pharmaceutical industry (disinfection of contact lenses)
- Chemical industry (creation of bactericidal products)
- Water and soil treatment (desulfurization)
- Laboratories (sterilization agent)
- Medical sector (disinfection of wounds with hydrogen peroxide)

► Codification:

Description	Part number
PDM+ H ₂ O ₂ , measuring range 0 – 99 ppm	7192007
IR Link module (configuration and calibration)	7189170