

Oxygen monitor GP1

Protecting you from leaking gasses

Avoid being surprised by leaking gasses

For monitoring the oxygen level in laboratories where liquid nitrogen and CO2 may reduce the ambient oxygen level.

Effective monitor with 2 level alarm

An upper alarm set-point is to make an audible “bib” warning of suspicious low oxygen concentration in the air (e.g. 19,0% oxygen). The low set-point alarm (e.g. 17 % oxygen) is a loud audible warning to make everybody leave the room .

Easy installation and calibration

For installation of the monitor you only need two “hooks” on the wall and a 230V outlet. The sensor has to be calibrated every 12 month and calibration takes less than 10 minutes using an integrated push bottom system.



Oxygen Monitor GP1

External Oxygen Sensor



Oxygen in air	Symtoms
19,5-23,5 % vol	Normal well-being
19 % vol	Upper alarm set point (optional)
17,0-19,0 % vol	Reduced ability to work concentrated
17 % vol	Lower alarm set point (optional)
14,0-17,0 % vol	Reduced balance, dizziness
12,0-14,0 % vol	Coordination is weakened, reduced perception and judgement
10,0-12,0 % vol	Strong dizziness and very reduced judgement, blue lips, brain damage after extended exposure
8,0-10,0 % vol	Vomitation, fainting, unconsciousness, ash grey face and blue lips, brain damage after 4-5 minutes, extended exposure will cause death
4,0 % vol	Unconsciousness within 1 minute, termination of respiration resulting in death
0,0 % vol	Immediate death

Oxygen displacement

Displacement of oxygen in air will endanger the life of any person exposed to the displacement and necessary actions should be taken immediately.

Technical details

Sensor: electro chemical
 Sensor life: 5 years
 Measuring range: 0-100% O2 in Air
 Accuracy: +/- 1%
 Temperature range: +2°C to 40°C
 Display: 3 digit LCD - 0,1 % increments
 Alarm set points: 19% & 17%, optional
 Audio alarms: 85 dB at 3 meters
 Size: 21,2x18,0x10,7 cm (LxHxD)
 Power: 230V/50Hz
 CE marked

Ref	Product
72050	Oxygen monitor GP1 - with builtin sensor
72051	Oxygen monitor GP1 EX - with external sensor for monitoring the oxygen level at distance