

LABORHITS

Carbon Dioxide Safety Monitor

NEW

**Security in the lab by
ambient air measurement**

No uncontrolled gases

The use of CO₂ in laboratories is increasing e.g. the use in CO₂ incubators, glove boxes, as dry ice for storage, carbonation and many other applications.

CO₂ is dangerous, even at relatively low levels and a leakage of the CO₂-supply in the lab can cause a potential lethal risk for lab personnel.

The Ax60 measures the CO₂ concentration in the laboratory. The device provides three different alarm phases (pre-alarm, main alarm, disturbance) with three preset alarm limits at 0.5 %, 1.5 % and 3 % CO₂.

- Optical and acoustic warning inside and outside the dangerous area
- Delivered with a relay at every alarm
- Up to 4 x CO₂ sensors and 8 x CO₂ alarms can be used per Central Display Unit
- Long life sensor can last up to 15 years
- No calibration required
- Simple to read „OK“, „Alarm“ and „Fault“ states
- Easy installation and maintenance
- Additional (quick connect) CO₂ sensors and alarms available
- Assists to comply with Exposure Limit regulations



Specifications

Range: 0.1 to 5 % CO₂

Accuracy: +/- 5 % of alarm setpoint

Alarm intensity: 88 dbA

Central Unit Display: 16 digit 2 line LCD in ppm

TWA Alarm: 5,000 ppm (0.5 %) over 8 hours

CO₂ Alarms: 15,000 ppm (1.5 %) and 30,000 ppm (3 %)

Operating Temperature: -5 to 50 °C

Central Unit Dimensions: 175 x 110 x 75 mm

Sensor & Alarm Dimensions: 72 x 170 x 45 mm

IP Rating: IP55 (IP54 Central Display Unit)

Warranty: 5 years for electronics and sensor

Ax60 Gas Detector

Delivery Includes: 1 x Central Display Unit, 1 x CO₂ sensor and 1 x CO₂ alarm, complete with universal mains power supply

Description

Ax60 CO₂ Safety Monitor with universal power supply

PK

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Cat.No.

6.284 262

LABORHITS

Oxygen Safety Monitor

NEW

The use of enriched O₂ in laboratories causes both a fire risk and a hyperoxia risk to lab personnel. Besides this, the use of N₂, LN₂, He or Ar in laboratories represents a potential asphyxiation hazard. In case of a leakage of these gases the O₂ concentration can reach dangerously low levels.

The oxygen gas detectors from Analox prevent this potential risk. A reliable measurement of O₂ in the laboratory is guaranteed, even in presence of inert gases. In case of an alarm an acoustic tone and a red light is shown. Therefore, a sure working area is guaranteed.

- 3 alarm repeater attachable
- Long life, low drift sensor lasts up to 7 years
- Minimum calibration check required - only every 12 months (user maintainable)
- Simple to read „OK“, „Alarm“ and „Fault“ states
- Easy installation and maintenance
- Assists to comply with Exposure Limit regulations

Specifications

- Range:** 0.1 to 25 % O₂
Sensor Accuracy: +/- 0.75 % O₂ (5.0 to 25.0 %)
Alarm intensity: 85 dBA
Monitor display: 4 digit LCD
Operating Temperature: 0 to 40 °C
Monitor Dimensions: 175 x 110 x 75 mm
Alarm Repeater Dimensions: 72 x 170 x 45 mm
IP Rating: IP65 (IP43 alarm repeater)
Warranty: 2 years electronics (1 year sensor)



O2NE+™ Gas Detector

The O2Ne+™ provides two audible/visual alarms at **19.5 % and 18 % O₂**. The alarms are configured for **oxygen depletion** - an alarm for warning (19.5 %) and one for dangerously low level of oxygen (18 %). Supplied with a relay (at 18 %) for the control of a potential free contact, e.g. for ventilation.

Delivery Includes: O₂-sensor unit and 1 alarm repeater, with mains power supply

Description	PK	Cat.No.
O2NE+ Oxygen with EU plug	1	6.284 255
O2NE+ Oxygen with UK plug	1	6.284 256

SAFE-Ox+™ Gas Detector

The SAFE-Ox+™ provides two audible/visual alarms at **19.5 % and 23 % O₂**. The alarms are configured for **oxygen-depletion and -excess** - an alarm for too high (23 %) and one for dangerously low level of oxygen (19.5 %).

Supplied with a relay for both alarm limits (19.5 % and 23 %) for control of a potential free contact, e.g. for ventilation.

Delivery Includes: O₂-sensor unit and 1 alarm repeater, with mains power supply

Description	PK	Cat.No.
SAFE-Ox+ Oxygen with EU plug	1	6.284 260
SAFE-Ox+ Oxygen with UK plug	1	6.284 261