iGas CO_2

Personal gas monitor

Carbon dioxide · infrared

Invisible, odourless – detected.

For CO_2 refrigeration (R744), beverage dispensing, wineries, breweries and agriculture.

Item no. SK-IGAS-CO2

Infrared sensor
for carbon dioxide

Reading in
ppm and % vol

Alarm via
light, sound and vibration



Battery for up to
14 days of use

Charging via
USB-C

Only **135 g**
with stainless steel clip

BATTERY
14 days runtime
per battery charge

Your benefits

- Long-term stable infrared sensor (NDIR)
- Reading in ppm and % vol
- Backlit LCD display
- Up to 14 days per charge, USB-C
- Log of the last 30 alarms
- Settings via PC program
- Calibration and bump test reminders
- Lightweight: only 135 g

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iGas CO_2

Personal gas monitor



The iGas CO_2 monitors the breathing air for carbon dioxide. CO_2 is colourless and odourless and accumulates in poorly ventilated rooms, cellars and shafts. The infrared sensor measures with long-term stability and warns in time with light, sound and vibration.

Ideal for service on CO_2 refrigeration systems and heat pumps with R744, beverage dispensing systems, wineries and breweries. The battery lasts up to 14 days and is charged via USB-C.

Sensors and alarm thresholds

Gas	Sensor principle	Measuring range	Resolution	Alarm
Carbon dioxide (CO_2)	Infrared (NDIR)	0–5 % vol	0.01 % vol / 100 ppm	two levels, adjustable

Alarm thresholds set at the factory, adjustable via PC program. No explosion protection – not for hazardous areas.

Technical data

Item number	SK-IGAS-CO2
Detection	Diffusion
Display	Backlit LCD
Alarm	90 dB at 10 cm, red LEDs, vibration
Battery	Li-ion polymer, 500 mAh
Operating time	up to 14 days per charge
Charging time	approx. 100 minutes (USB-C)

Data log	last 30 alarms
Housing	Rubber enclosure
Temperature	−20 °C to +50 °C
Humidity	5–95 % RH, non-condensing
Weight	135 g
Conformity	EMC Directive 2014/30/EU, RoHS 2

Scope of delivery and accessories

- iGas CO_2 with stainless steel clip
- Power adapter with 5 plugs
- USB-C charging cable
- Calibration cap
- User manual
- Calibration certificate

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