SGT CO

Personal gas monitor

Carbon monoxide · 2 years maintenance-free

Switch on. Protected for 2 years.

The CO monitor for heating installers, chimney sweeps and service – with no maintenance at all.

Item no. SK-SGT-CO

Reliably detects
carbon monoxide

Alarm via
light, sound and vibration

90 dB alarm
at 10 cm distance



Ex zones 0, 1 and 2
ATEX / IECEx approved

IP67 – rugged
rubber housing

Only **93 g**
with stainless steel clip

LIFETIME
2 years maintenance-free
no sensor or battery replacement

Your benefits

- 24 months of continuous operation
- No sensor or battery replacement
- Real-time reading in ppm
- End-of-life indicator
- Log of the last 30 alarms
- Alarm thresholds adjustable via IR-Link
- Bump test via docking station or IR-Link
- Light and rugged: 93 g, IP67

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SGT CO

Personal gas monitor



The SGT CO is a single-gas personal monitor for carbon monoxide. Once switched on, it monitors the ambient air for 24 months without interruption and warns with light, sound and vibration when the alarm thresholds are exceeded.

No sensor or battery replacement: the end-of-life indicator shows when the device needs to be replaced. Approved for Ex zones 0, 1 and 2 (ATEX / IECEx), rugged to IP67 – bump tests are done via docking station or IR-Link.

Sensors and alarm thresholds

Gas	Sensor principle	Measuring range	Resolution	Low alarm	High alarm
Carbon monoxide (CO)	Electrochemical	0–500 ppm	1 ppm	30 ppm	60 ppm

Alarm thresholds: factory setting according to the manufacturer's manual, adjustable on a PC via IR-Link. Test gas for bump test and calibration: 100 ppm CO.

Technical data

Item number	SK-SGT-CO	Data log	last 30 alarms
Detection	Diffusion	Protection class	IP67
Display	LCD with end-of-life indicator	Temperature	−40 °C to +50 °C
Alarm	90 dB at 10 cm, red LEDs, vibration	Humidity	5–95 % RH, non-condensing
Battery	Lithium 3.6 V, 1.2 Ah, built-in	Dimensions	54 × 91 × 32 mm
Operating time	24 months (2 min of alarm per day)	Weight	93 g
Shelf life	max. 6 months from production until activation	Approvals	ATEX II 1 G Ex ia IIC T4 Ga · IECEx Ex ia IIC T4 Ga · CSA & UL Cl. 1, Zone 0
Housing	Rubber enclosure	Warranty	2 years

Scope of delivery and accessories

- SGT CO with stainless steel clip
- Calibration cap
- User manual
- Calibration certificate



IR-Link
Alarm thresholds and events via PC



SGT Docking Station II
Bump test and calibration for up to 4 devices

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