MGT-P CO + R290

Personal gas monitor

Propane & carbon monoxide

Two hazards. One monitor.

For safe work on heat pumps, refrigeration systems and combustion appliances.

Item no. SK-MGTP-COR290

Detects **R290 leaks** at heat pumps

Carbon monoxide from combustion

Alarm via **light, sound and vibration**



Ex zones 0, 1 and 2 ATEX / IECEx approved

IP67 – rugged for everyday site work

Battery for up to **25 h continuous use**

SERVICE

Calibration service by bhs

recommended every 6 months

Your benefits

- R290 (propane) and CO monitored at once
- Backlit LCD display
- Continuous self-test
- Rechargeable Li-ion battery
- Compact: 240 g with stainless steel clip
- Event log for tests and alarms
- Bump test via docking station or IR-Link
- 2-year warranty

bhs Messtechnik · reliable · economical · personal

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Personal gas monitor



The MGT-P CO + R290 warns of both hazards in heating and heat pump service: R290 (propane) leaks and carbon monoxide from combustion. A catalytic sensor for combustible gases – factory-adjusted to propane – and an electrochemical CO sensor show both readings at the same time.

Rugged to IP67, approved for use in Ex zones 0, 1 and 2 (ATEX / IECEx) and with a battery for a full working day – bump tests and calibration are done via docking station, IR-Link or our calibration service.

Sensors and alarm thresholds

Gas	Sensor principle	Measuring range	Resolution	Low alarm	High alarm
R290 / propane	Catalytic (pellistor)	0–100 % LEL	1 % LEL	10 % LEL	25 % LEL
Carbon monoxide (CO)	Electrochemical	0–500 ppm	1 ppm	20 ppm	100 ppm

LEL channel factory-adjusted to propane (R290) – the alarm thresholds apply directly to propane. Factory setting, adjustable on a PC via IR-Link.

Technical data

Item number	SK-MGTP-COR290
Detection	Diffusion
Display	Backlit LCD
Alarm	Flashing LED, audible, vibration
Self-test	At switch-on; sensors, battery and circuitry continuously
Battery	Li-ion, 2000 mAh
Operating time	up to 25 h continuous
Charging time	4–6 hours
Battery warning	20 / 10 / 5 min before shutdown

Data log	30 each: events, calibrations, bump tests
Protection class	IP67
Temperature	−20 °C to +50 °C
Humidity	5–95 % RH, non-condensing
Dimensions	61 × 114 × 43 mm
Weight	240 g
Approvals	ATEX II 1 G Ex ia IIC T4 Ga · IECEx Ex ia IIC T4 Ga · CSA & UL Cl. 1, Zone 0
Warranty	2 years

Scope of delivery and accessories

- MGT-P CO + R290 with stainless steel clip
- Charger with 5 plug adapters
- Calibration cap
- User manual
- Calibration certificate



IR-Link
Settings and calibration via PC



Single Docking
Bump test and calibration



Multi Docking II
up to 4 devices at once



Vehicle charger
Charging on the road

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