SMALLEST AND LIGHTEST FIVE GAS MONITOR

LEADERS IN GAS DETECTION
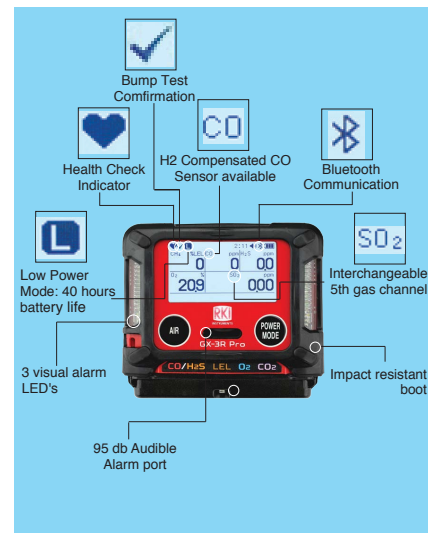*Since 1977*

GX-3R Pro

Features:

- Simultaneous detection of 5 gases
  - LEL, O2, H2S, CO, and SO2 / CO2
  - H2 Compensated CO sensor available
- Smallest / Lightest 5 gas monitor on the market (73 W x 65 H x 26 D mm), Approx 129g
- Dual audible alarm ports (95 db @ 30 cm)
- 3 visual alarm LED's
- Bluetooth
- Vibration alarm
- IP-68 Waterproof / dustproof design
- Non-compliance indicator
- Large capacity data logging standard
  - 8 alarm trends
  - Log time range of 10 to 300 hours
  - 100 calibration records
- 25 hours of operation (Lithium-ion battery)
- Large LCD display screen
- Automatic backlighting at alarm
- Impact resistant body
- STEL and TWA readouts
- Intrinsically safe, IECEx / ATEX approved
- 3 year warranty

Applications:

- Confined spaces
- Hazardous material
- Refineries/ chemical plants
- Personal monitoring
- Utilities
- Water/wastewater plants
- Fire services
- Pharmaceuticals
- Oil & Gas
- Construction

The GX-3R Pro is the worlds smallest 5 gas monitor weighing only 129 grams and fits in the palm of your hand (73 W x 65 H x 26 D mm). It simultaneously monitors and displays up to 5 different gases. In addition to monitoring standard confined space gases, LEL, O2, CO, & H2S, the GX-3R Pro has a 5th channel where you can add ppm or % volume CO2, or SO2. A H2 compensated carbon monoxide sensor is also available. Two of the four sensor slots have interchangeable sensors providing flexible configurations.

The GX-3R Pro comes equipped with Bluetooth wireless communication, man-down alarm, the choice of alkaline or rechargeable power supply, and a 3 year warranty. The Lithium-ion battery pack will operate for 25 hours and will fully charge in 3 hours. The GX-3R Pro can be put into long-life battery mode and operate up to 40 hours.

The GX-3R Pro utilizes Bluetooth communication to display direct gas readings from the instrument to a phone app, which is available free on either iOS or Android phones. Automatic notifications can be programmed to send email messages, if there is an alarm event from the GX-3R Pro. Safety supervisors will appreciate the non-compliance indicator. The instrument flashes it's 3 LED lights every 30 seconds, if the instrument has been exposed to a gas or has not been bump tested or calibration is due. The 3 LED lights will continue flash once every 30 seconds until the non-compliance condition has been resolved. It also has a tick which is visable on the screen to confirm a bump test has been carried out.

Detectable Gases				Common Specifications	
Gas	**Measuring Range**	**Accuracy Statement**	**Preset Alarms**	**Sampling Method**	Diffusion sampling standard / hand aspirator or motorized pump optional

Detectable Gases

Sensor Slot 1: Hydrogen sulfide (H2S) & Carbon Monoxide (CO)   *Interchangeable*

Gas		Measuring Range	Accuracy Statement	Preset Alarms
H2S / CO	Dual EC	0 ~ 500.0 ppm (1 ppm)	± 5% of reading or ± 2 ppm CO	A1: 30 ppm | A2: 60 ppm | TWA: 30 ppm STEL: 60 ppm l Over Alarm 500 ppm
		0 ~ 100.0 ppm 0.1 ppm	± 5% of reading or ± 2 ppm H2S	A1: 10 ppm | A2: 15 ppm | TWA: 10 ppm STEL: 15 ppm Over Alarm: 100 ppm
CO H2 Compensated	EC	0 ~ 2,000 ppm	± 5% of reading or ± 2 ppm CO	A1: 1 ppm | A2: 25 ppm A3: 50 ppm | TWA: 25 ppm STEL: 200 ppm

Sensor Slot 2: Combustibles (Methane as standard)

Gas		Measuring Range	Accuracy Statement	Preset Alarms
CH4 / HC	Catalytic	0 ~ LEL (1% LEL)	± 5% of reading or ± 2 % LEL	1st: 5% LEL | 2nd: 10% LEL Over:100% LEL

Sensor Slot 3: Oxygen (O2)

Gas		Measuring Range	Accuracy Statement	Preset Alarms
O2	EC	0 ~ 25.0% Vol. 0 ~ 40.0% Vol. (0.10%)	± 0.5% O2	Low 1: 19.5% | High: 23.5% | Over: 40.0%

Sensor Slot 4: Toxics & CO2   *Interchangeable*

Gas		Measuring Range	Accuracy Statement	Preset Alarms
CO2 %	IR	0 ~ 10.0% Vol. (0.01% Vol)	± 5% of reading or ± 2 ppm	A1: 0.50% Vol. | A2: 3.00% Vol. A3: 4.00% Vol. | TWA: 0.50% Vol. STEL: 3.00% Vol.
CO2 ppm		0 ~ 10,000 ppm 20 ppm		A1: 5000 ppm
SO2	EC	0 ~ 100.0 ppm 0.05 ppm	± 10% of reading or ± 5 % of full scale	A1: 2 ppm | A2: 5 ppm | TWA: 2 ppm STEL: 5 ppm

Common Specifications

Sampling Method	Diffusion sampling standard / hand aspirator or motorized pump optional
Display	Full dot LCD with Autobacklight and Autorotation
Safety Design / Approvals	EX IA IIC T4 GA (IECEx) I M1Ex da ia I Ma//II 1G Ex da ia IICT4 Ga (ATEX)

Alarm Types	**Gas Alarm**	**Trouble Alarm**
	• 2 increasing alarms • STEL • TWA • Overscale alarm • O2 decreasing/increasing	• Sensor disconnection • Low battery • Circuit error • Calibration range error

Display of Alarm	**Gas Alarm**	**Trouble Alarm**
	• Flashing LED's • Continuous buzzer (100 db @ 30cm) • Flashing gas value • Vibration	• Flashing LED's • Intermittent buzzer (95 db @ 30cm) • Display of error message

Operating Temp. & Humidity	-20°C ~ +50°C [-4°F ~ +122°F] 10 to 90% RH, non-condensing (continuous environment) -40°C ~ +60°C [-40°F ~ +140°F] 0 to 95% RH, non-condensing (temporary environment)
Pressure Range	Atmospheric pressure (11.6 - 15.9 psi)
Response Time	Within 30 seconds (T90)
Power Source	Lithium-ion battery, Approx. 25 hours after a 3 hour full charge, (Approx. 40 hours in "long life battery mode")
Dimension & Weight	73 W x 65 H x 26 D mm), 129g (with rubber boot)
Case Material	Explosion proof, dust and water resistant to IP-68 (2m,1h) approval. Drop height 7m
Bluetooth Communication	BLE: with iOS and Android phone app
Datalogging	Logs user ID, station ID, Calibration & Bump Test history, Alarm Events & Alarm Trends
Standard Accessories	Alligator clip, Protective Rubber Boot, Charger, Calibration cup
Optional Accessories	• Padded carrying case • RP-3R Attachable sampling Pump with tappered rubber nipple, 3m hose and probe (up to 12m hose available) • USB to IrDA downloading cable for datalogger • SDM-3R calibration station • Calibration adapter
Warranty	Three years material and workmanship