

# SMALLEST AND LIGHTEST FIVE GAS MONITOR

## GX-3R Pro

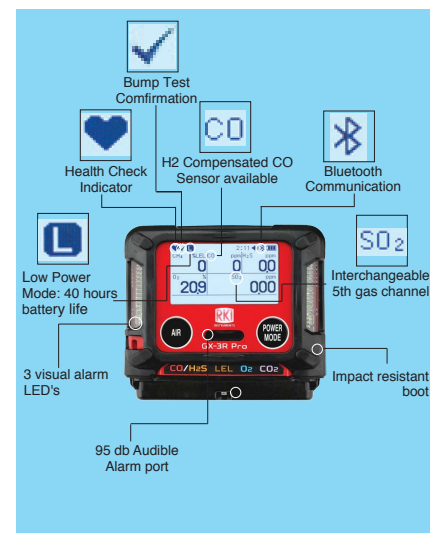


### Features:

- 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 visible 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				
<b>Sensor Slot 1: Hydrogen sulfide (H2S) &amp; Carbon Monoxide (CO) *Interchangeable</b>					<b>Display</b>	Full dot LCD with Autobacklight and Autorotation				
H <sub>2</sub> S / 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   Over Alarm 500 ppm	<b>Safety Design / Approvals</b>	EX IA IIC T4 GA (IECEX) I M1Ex da ia I Ma/II 1G Ex da ia IIC T4 Ga (ATEX)				
		0 ~ 100.0 ppm 0.1 ppm	± 5% of reading or ± 2 ppm H <sub>2</sub> S	A1: 10 ppm   A2: 15 ppm   TWA: 10 ppm STEL: 15 ppm Over Alarm: 100 ppm						
CO H <sub>2</sub> 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	<b>Alarm Types</b>	<table border="1"> <thead> <tr> <th>Gas Alarm</th> <th>Trouble Alarm</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> <li>• 2 increasing alarms</li> <li>• STEL</li> <li>• TWA</li> <li>• Overscale alarm</li> <li>• O<sub>2</sub> decreasing/increasing</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>• Sensor disconnection</li> <li>• Low battery</li> <li>• Circuit error</li> <li>• Calibration range error</li> </ul> </td> </tr> </tbody> </table>	Gas Alarm	Trouble Alarm	<ul style="list-style-type: none"> <li>• 2 increasing alarms</li> <li>• STEL</li> <li>• TWA</li> <li>• Overscale alarm</li> <li>• O<sub>2</sub> decreasing/increasing</li> </ul>	<ul style="list-style-type: none"> <li>• Sensor disconnection</li> <li>• Low battery</li> <li>• Circuit error</li> <li>• Calibration range error</li> </ul>
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<b>Sensor Slot 2: Combustibles (Methane as standard)</b>					<b>Display of Alarm</b>	<table border="1"> <thead> <tr> <th>Gas Alarm</th> <th>Trouble Alarm</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> <li>• Flashing LED's</li> <li>• Continuous buzzer (100 db @ 30cm)</li> <li>• Flashing gas value</li> <li>• Vibration</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>• Flashing LED's</li> <li>• Intermittent buzzer (95 db @ 30cm)</li> <li>• Display of error message</li> </ul> </td> </tr> </tbody> </table>	Gas Alarm	Trouble Alarm	<ul style="list-style-type: none"> <li>• Flashing LED's</li> <li>• Continuous buzzer (100 db @ 30cm)</li> <li>• Flashing gas value</li> <li>• Vibration</li> </ul>	<ul style="list-style-type: none"> <li>• Flashing LED's</li> <li>• Intermittent buzzer (95 db @ 30cm)</li> <li>• Display of error message</li> </ul>
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CH <sub>4</sub> / HC	Catalytic	0 ~ LEL (1% LEL)	± 5% of reading or ± 2 % LEL	1st: 5% LEL   2nd: 10% LEL Over: 100% LEL	<b>Operating Temp. &amp; Humidity</b>	-20°C ~ +50°C [ -4°F ~ +122°F ] 10 to 90% RH, non-condensing (continuous environment)				
<b>Sensor Slot 3: Oxygen (O<sub>2</sub>)</b>						-40°C ~ +60°C [ -40°F ~ +140°F ] 0 to 95% RH, non-condensing (temporary environment)				
O <sub>2</sub>	EC	0 ~ 25.0% Vol. 0 ~ 40.0% Vol. (0.10%)	± 0.5% O <sub>2</sub>	Low 1: 19.5%   High: 23.5%   Over: 40.0%	<b>Pressure Range</b>	Atmospheric pressure (11.6 - 15.9 psi)				
<b>Sensor Slot 4: Toxics &amp; CO<sub>2</sub> *Interchangeable</b>					<b>Response Time</b>	Within 30 seconds (T90)				
CO <sub>2</sub> %	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.	<b>Power Source</b>	Lithium-ion battery, Approx. 25 hours after a 3 hour full charge, (Approx. 40 hours in "long life battery mode")				
CO <sub>2</sub> ppm		0 ~ 10,000 ppm 20 ppm		A1: 5000 ppm	<b>Dimension &amp; Weight</b>	73 W x 65 H x 26 D mm), 129g (with rubber boot)				
SO <sub>2</sub>	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	<b>Case Material</b>	Explosion proof, dust and water resistant to IP-68 (2m,1h) approval. Drop height 7m				
					<b>Bluetooth Communication</b>	BLE: with iOS and Android phone app				
					<b>Datalogging</b>	Logs user ID, station ID, Calibration & Bump Test history, Alarm Events & Alarm Trends				
					<b>Standard Accessories</b>	Alligator clip, Protective Rubber Boot, Charger, Calibration cup				
					<b>Optional Accessories</b>	<ul style="list-style-type: none"> <li>• Padded carrying case</li> <li>• RP-3R Attachable sampling Pump with tapered rubber nipple, 3m hose and probe (up to 12m hose available)</li> <li>• USB to IrDA downloading cable for datalogger</li> <li>• SDM-3R calibration station</li> <li>• Calibration adapter</li> </ul>				
					<b>Warranty</b>	Three years material and workmanship				