



# SMALLEST & LIGHTEST 5 GAS MONITOR

Gas Detection For Life

GX-3R Pro Model



## Features

- **Smallest & lightest 5 gas monitor**  
— 2.9" W x 2.6" H x 1.06" D , 4.58 ounces
- **Simultaneous detection of 5 gases**  
— LEL, O<sub>2</sub>, H<sub>2</sub>S, CO, and other optional sensors  
— H<sub>2</sub> Compensated CO sensor available
- **Simple 2-button operation**
- **Bluetooth communication with iOS & Android App**
- **Non-Compliance Indicator**
- **3 user adjustable alarm levels**
- **Panic Alarm**
- **Man Down Alarm**
- **Impact resistant body**
- **Large full dot, auto-backlit display with auto-rotation**
- **Stealth mode for law enforcement**
- **Field replaceable sensors & filters**
- **Water and dust resistant design, IP66/68**
- **3 Year Warranty**

## Applications

- **Personal monitoring**
- **Confined spaces**
- **Refineries / petrochemical**
- **Utilities**
- **Oil and Gas**
- **Water / wastewater**
- **Fire services**
- **Construction**

**5** World's Smallest and Lightest  
**Gas Monitor**

The GX-3R Pro is the world's smallest 5-gas monitor weighing only 4.58 ounces and fits in the palm of your hand (2.9" W x 2.6" H x 1.06" D). It simultaneously monitors and displays 5 different gases. In addition to monitoring standard confined space gases, LEL, O<sub>2</sub>, CO, & H<sub>2</sub>S, the GX-3R Pro has a 5th channel where you can add infrared or toxic gas sensors. Two of the four sensor slots have interchangeable sensors providing flexible configurations, which can easily be changed in the field.

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 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 text or 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 in the following conditions; if the instrument has not been bump tested, or if calibration is due, or if there was a gas alarm event. The 3 LED lights will continue to flash once every 30 seconds until the non-compliance condition has been resolved. The 30 second interval is adjustable.



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World Leader In Gas Detection & Sensor Technology  
www.rkiinstruments.com

# GX-3R Pro Model

## Detectable Gases

Gas	Measuring Range (Increments)	Accuracy Statement	Preset Alarms
<b>Sensor Slot 1: Carbon Monoxide (CO) &amp; Hydrogen sulfide (H2S) Interchangeable</b>			
H2S / CO	Dual EC	0 ~ 2000 ppm (1 ppm)	± 5% of reading or ± 5 ppm CO A1: 25 ppm   A2: 50 ppm A3: 1200 ppm   TWA: 25 ppm STEL: 200 ppm
		0 ~ 200.0 ppm (0.1 ppm)	± 5% of reading or ± 2 ppm H2S A1: 5 ppm   A2: 30 ppm A3: 100 ppm   TWA: 1.0 ppm STEL: 5.0 ppm
H2S Only	EC	0 ~ 200.0 ppm (0.1 ppm)	± 5% of reading or ± 2 ppm H2S A1: 5 ppm   A2: 30 ppm A3: 100 ppm   TWA: 1.0 ppm STEL: 5.0 ppm
CO H2 Compensated	EC	0 ~ 2,000 ppm	± 5% of reading or ± 2 ppm CO A1: 25 ppm   A2: 50 ppm A3: 1200 ppm   TWA: 25 ppm STEL: 200 ppm
<b>Sensor Slot 2: Combustibles (Methane as standard)</b>			
CH4 / HC	Catalytic	0 ~ 100 (1% LEL)	± 5% of reading or ± 2 % LEL 1st: 10% LEL   2nd: 25% LEL 3rd: 50% LEL   Over: 100% LEL
<b>Sensor Slot 3: Oxygen (O2)</b>			
O2	EC	0 ~ 40.0% Vol. (0.10%)	± 0.5% O2 Low 1: 19.5%   Low 2: 18.0% High: 23.5%   Over: 40.0%
<b>Sensor Slot 4: Toxics &amp; CO2 Interchangeable</b>			
SO2	EC	0 ~ 100.0 ppm (0.05 ppm)	± 10% of reading or ± 5 % of full scale A1: 2 ppm   A2: 5 ppm A3: 100 ppm   TWA: 0.25 ppm STEL: 0.25ppm
CO2 %	IR	0 ~ 10.0% Vol. (0.01%)	± 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)	

### Calibration Station SDM-3R



### Clip-On Sampling Pump RP-3R



\*Specifications subject to change without notice

## Common Specifications

Sampling Method	Diffusion sampling standard (hand aspirator or clip-on motorized pump optional)		
Display	Full dot LCD with Autobacklight and Autorotation		
Alarm Types	<b>Gas Alarm</b>	<b>Trouble Alarm</b>	
	<ul style="list-style-type: none"> <li>• 2 increasing alarms</li> <li>• STEL</li> <li>• TWA</li> <li>• Overscale alarm</li> <li>• O2 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> <li>• Cal or bump due alarm</li> </ul>	
Display of Alarm	<b>Gas Alarm</b>	<b>Trouble Alarm</b>	
	<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>	
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)		
Response Time	Within 30 seconds (T90)		
Power Source	<b>Config</b>	<b>Li-ion</b>	<b>Alkaline</b>
	4-gas + EC	25 hours	16 hours
Dimension & Weight	2.9" W x 2.6" H x 1.06" D (Approx. 73 W x 65 H x 26 D mm), 4.58oz (with rubber boot)		
	Explosion proof, dust and water resistant to IP-66/68 (2m,1h) approval. Drop height 23 ft		
Bluetooth Communication	BLE: with iOS and Android phone app: <a href="#">RK Link</a>		
Datalogging	Logs user ID, station ID, Calibration & Bump Test history, Alarm Events & Alarm Trends		
Standard Accessories	Alligator clip, protective rubber boot, charger, calibration adapter		
Optional Accessories	<ul style="list-style-type: none"> <li>• Padded carrying case</li> <li>• RP-3R Attachable sampling Pump with 4" rubber nipple, 10' hose and probe (up to 40' hose available)</li> <li>• USB to IrDA downloading cable for datalogger</li> <li>• SDM-3R calibration station</li> <li>• Hand aspirator</li> </ul>		
Safety Design / Approvals	ATEX, CSA		
Warranty	Three years material and workmanship including sensors		



**INSTRUMENTS**  
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