



# PERSONAL FOUR GAS MONITOR

Gas Detection For Life

GX-2009 Model



**Worlds Smallest and Lightest  
4 Gas Monitor**

## Features

- Simultaneous detection of 4 gases LEL, O<sub>2</sub>, H<sub>2</sub>S and CO
- Smallest 4 gas monitor on the market 2.7" H x 3" W x 1" D, 4.6 oz.
- Loud audible alarm (95 db @ 30 cm)
- Large visual alarms
- Vibration alarm
- Automatic backlighting at alarm
- Alarm trend data
- IP-67 Waterproof/dustproof design
- Datalogging standard
- Autocalibration
- Rechargeable Ni-MH battery pack
- Battery pack recharges in 90 minutes
- Continuously operates for up to 18 hours
- Large LCD display screen
- High impact, RFI shielded body
- STEL and TWA readouts
- Continuously displays current time
- Intrinsically safe, IECEx approved (CSA, C/US pending)
- 2 year warranty

## Applications

- Personal monitoring
- Confined spaces
- Refineries / petrochemical
- Utilities
- Chemical plants
- Hazardous material
- Water / wastewater treatment
- Fire services
- Mining

RKI is proud to offer the smallest 4-gas monitor in the world, the GX-2009. Weighing only 4.6 ounces and about the size of a pager (2.75" H x 2.95" L x .98" D), the GX-2009 simultaneously monitors combustibles, oxygen, carbon monoxide, and hydrogen sulfide. The GX-2009 is armed with standard features like a vibration alarm, autocalibration, datalogging, rechargeable Ni-MH battery pack, STEL / TWA readings, peak hold and auto backlighting at alarm on a large LCD display, and it even tells the time! It also has bright visual alarms and a 95 db audible siren. All of these controls and features are operated through 2 simple glow in the dark buttons. The Ni-MH battery pack will operate for 18 hours and fully recharge in 90 minutes. Also available is the datalogging software program which is Windows 95, 98, ME, and XP compatible. The GX-2009 is also compatible with the Data Cal 2000 instrument maintenance system and SM-2009U calibration station.

The GX-2009 is designed around RKI's compact and proven sensors. Utilizing catalytic combustion, electrochemical and galvanic sensor technologies, each miniaturized sensor is manufactured with the same high quality control that has made RKI sensors and instruments the most reliable and long lasting monitoring devices in the industry.

# GX - 2009 Model

<b>Gas Detected</b>	All Combustible Gases (Methane as standard)	Oxygen (O2)	Hydrogen Sulfide (H2S)	Carbon Monoxide (CO)
<b>Detection Principle</b>	Catalytic combustion	Galvanic cell	Electrochemical cell	
<b>Detection Range (Increments)</b>	0 ~ 100% LEL (1% LEL)	0 ~ 40.0% Vol. (0.1% Vol.)	0 ~ 100.0 ppm (0.5 ppm)	0 ~ 500 ppm (1 ppm)
<b>Sampling Method</b>	Diffusion sampling, standard hand aspirator or motorized pump optional			
<b>Display</b>	Digital LCD displays all four gases simultaneously			
<b>Preset Alarms (User Adjustable) *</b>	1st alarm 10% LEL 2nd alarm 50% LEL Over alarm 100% LEL	Low alarm 19.5% High alarm 23.5% Over alarm 40.0%	1st alarm 10 ppm 2nd alarm 30.0 ppm TWA alarm 10 ppm STEL alarm 15 ppm Over alarm 100 ppm	1st alarm 25 ppm 2nd alarm 50 ppm TWA alarm 25 ppm STEL alarm 200 ppm Over alarm 500 ppm
<b>Types of Alarms</b>	Gas Alarm: 2 increasing alarms, STEL, TWA, overscale alarm Trouble alarm: Sensor disconnection, wire disconnection, low battery, circuit error, calibration range error			
<b>Display of Alarm</b>	Gas Alarm: Flashing LEDs, intermittent buzzer (95 db @ 30 cm), flashing gas value, vibration Trouble alarm: Flashing LEDs, intermittent buzzer (95 db @ 30 cm), display of error message			
<b>Special Functions</b>	Manual back light LCD (Automatic at alarm) STEL, TWA Peak hold Continuous display of current time		Datalogging (40 hours) Alarm trend Direct charging in just 90 minutes Autocalibration	
<b>Operating Temp. &amp; Humidity</b>	14 to 104°F (-20° C ~ + 50°C), 0 to 95% RH, non-condensing (splash resistant)			
<b>Response Time</b>	Within 30 seconds (T90)			
<b>Continuous Operation</b>	Up to 18 hours			
<b>Power Source</b>	Direct charging NiMH battery pack, charges in just 90 minutes			
<b>Safety Design / Approvals</b>	IECEx zone 0 Ex ia IIC T4 ATEX II 1G Ex ia IIC T4		CSA and C/US pending	
<b>Dimension &amp; Weight</b>	2.7" H x 3" W x 1" D (Approx. 70 H x 75 W x 25 D mm), 4.6 ounces (approx. 130g)			
<b>Case Material</b>	RFI shielded high impact plastic. Dust and waterproof with IP-67 approval.			
<b>Controls</b>	Two glow in the dark buttons: POWER / MODE, AIR			
<b>Required Accessories</b>	Battery charger			
<b>Standard Accessories</b>	Alligator clip ..... Ni-MH battery pack.....			
<b>Optional Accessories</b>	Belt Clip ..... Padded carrying case for GX-2009 and accessories..... Charger, 12 VDC, with cigarette lighter plug..... Basic charger station, 115 VAC powered..... USB, IRDA reader with software for (Windows 95, 98, ME, XP, Vista, & NT)..... RP-6 sample drawing pump with hose and probe..... Hand aspirated sample draw with hose and probe..... Gang charger expandable up to 5 units.....			
<b>Configurations</b>	*4 gas, LEL / O2 / H2S / CO *2 gas, LEL / O2	*3 gas, LEL / O2 / H2S *2 gas, O2 / H2S	*3 gas, LEL / O2 / CO *2 gas, O2 / CO	
<b>Warranty</b>	Two years material and workmanship			

\* Canadian versions are available with unique alarm points, self reset alarms, auto zero, and no TWA/alarm.

Specifications subject to change without notice.



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ISO 9001:2000

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