



# PERSONAL FOUR GAS MONITOR

Gas Detection For Life

**GX-2001 Model**



**Worlds Smallest 4 Gas Monitor**  
2.8" H x 2.2" W x 1.1" D

## 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 2.8" H x 2.2" W x 1.1" D, 6 oz
- Vibration alarm
- Alarm trend data
- Datalogging standard
- Autocalibration
- Rechargeable Ni-Cad battery pack
- Battery pack recharges in 90 minutes
- Continuously operates for up to 10 hours
- Large LCD display screen
- Automatic backlighting at alarm
- High impact, RFI shielded body
- STEL and TWA readouts
- Continuously displays current time
- Intrinsically safe, CSA, C / US approved
- 2 year warranty

## Applications

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

After 60 years of breakthroughs in gas detection and sensor technology, RKI is proud to introduce the smallest and most affordable 4-gas monitor in the world, the GX-2001. Weighing only 6 ounces and about the size of a pager (2.8" H x 2.2" W x 1.1" D), the GX-2001 simultaneously monitors combustibles, oxygen, carbon monoxide, and hydrogen sulfide. The GX-2001 is armed with standard features like a unique vibration alarm, autocalibration, datalogging, rechargeable Ni-Cad battery pack, STEL / TWA readings, peak hold and auto backlighting at alarm on a large LCD display, and it even tells the time! All of these controls and features are operated through 3 simple glow in the dark buttons. Utilizing either the standard charger or datalogging / charger station, the Ni-Cad battery pack will fully recharge in 90 minutes. Also available is the datalogging software program which is Windows 95, 98 and ME compatible.

The GX-2001 is also designed around the world's smallest gas sensors. Utilizing catalytic combustion, electrochemical and galvanic sensor technologies, each miniaturized sensor is manufactured with the same high quality control that has made Riken sensors and instruments the most reliable and long lasting monitoring devices in the industry.

RKI Instruments, Inc. • 1855 Whipple Rd. Hayward, CA 94544 • Phone (800) 754-5165 • (510) 441-5656 • Fax (510) 441-5650

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

# GX - 2001 Model

Gas Detected	All Combustible Gases (Methane as standard)	Oxygen (O <sub>2</sub> )	Hydrogen Sulfide (H <sub>2</sub> S)	Carbon Monoxide (CO)
<b>Detection Principle</b>	Catalytic combustion	Galvanic cell	Electro-chemical 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, hand aspirator optional			
<b>Display</b>	Digital LCD with 7 segments, auto backlight at alarm display automatically cycles every 3 seconds reading each gas, immediate reading for alarm condition.			
<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 400 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, flashing gas value, vibration Trouble alarm: Flashing LEDs, intermittent buzzer, display of error message			
<b>Special Functions</b>	Manual back light LCD (Automatic at alarm) STEL, TWA Peak hold Continuous display of current time Autocalibration		Datalogging (40 hours) Alarm trend Direct charging in just 90 minutes	
<b>Operating Temp. &amp; Humidity</b>	-10° C ~ + 40°C (14 to 104°F), 0 to 85% RH, non-condensing (splash resistant)			
<b>Response Time</b>	Within 30 seconds (T90)			
<b>Continuous Operation</b>	Up to 10 hours			
<b>Power Source</b>	Direct charging Ni-Cad battery pack, charges in just 90 minutes			
<b>Safety Design / Approvals</b>	Intrinsically safe design, CSA, C / US approved			
<b>Dimension &amp; Weight</b>	Approx. 72 (H) x 56 (W) x 27 (D) mm (2.8" H x 2.2"W x 1.1"D), approx. 140 g (6 ounces)			
<b>Case Material</b>	Dust & weather resistant. RFI shielded high impact plastic and stainless steel			
<b>Controls</b>	Three glow in the dark buttons: POWER / MODE, DISP, AIR			
<b>Warranty</b>	Two years material and workmanship			
<b>Required Accessories</b>	Battery charger (Basic charger or Datalogging charger)			
<b>Standard Accessories</b>	Wrist strap .....13-0112RK Belt clip .....13-0202RK Ni-Cad battery pack .....49-1602RK			
<b>Optional Accessories</b>	Neck strap (Wrist strap is standard) .....13-0113RK Basic Charger station, 115 VAC powered .....49-2155RK Datalogging / Charger station (IR) with cable and software for datalogging (Windows 95, 98, ME & NT) .....49-2156RK Charger, 12 VDC, with cigarette lighter plug .....49-2157RK Hand aspirated sample draw with hose and probe .....81-1160RK Automatic calibration station .....81-2001RK Padded carrying case for GX-2001 and accessories .....20-0112RK-01 Padded carrying case for GX-2001 only .....20-0113RK-01			
<b>Ordering Information</b>	GX-2001, 4 gas, LEL / O <sub>2</sub> / H <sub>2</sub> S / CO .....72-0233RK GX-2001, 3 gas, LEL / O <sub>2</sub> / H <sub>2</sub> S .....72-0232RK GX-2001, 3 gas, LEL / O <sub>2</sub> / CO .....72-0231RK GX-2001, 2 gas, LEL / O <sub>2</sub> .....72-0230RK			

**Note:**  
 STEL ..... Short Term Exposure Limit  
 TWA ..... Time Weighted Average  
 LEL ..... Lower Explosive Limit  
 PPM ..... parts per million

\* Specifications subject to change without notice.

## RKI Instruments, Inc.



1855 Whipple Road  
Hayward, CA 94544

Toll Free: (800) 754-5165  
 Phone: (510) 441-5656  
 Fax: (510) 441-5650

mail4rki@rkiinstruments.com  
[www.rkiinstruments.com](http://www.rkiinstruments.com)

## Authorized Distributor: