



FOUR GAS PERSONAL MONITOR

Gas Detection For Life

GX-2001 Model



Actual Size
2.8" H x 2.2" W x 1.1" D

Features

- Simultaneous detection of 4 gases LEL, O₂, H₂S, & 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 batteries with charger
- Continuously operates for up to 12 hours
- Large LCD display screen
- Automatic backlighting at alarm
- High impact, RFI shielded body
- STEL and TWA readouts
- Peak hold readouts
- Continuously displays current time
- Intrinsically safe

Applications

- | | |
|----------------------------|------------------------------|
| • Confined Spaces | • Water/Wastewater Treatment |
| • Refineries/Petrochemical | • Fire Services |
| • Utilities | • Mining |
| • Chemical Plants | • Pharmaceuticals |
| • Hazardous Material | |

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 autocalibration, datalogging, rechargeable Ni-Cad batteries and charger, a unique vibration alarm, 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. Also available is an automatic calibration / data download station, to further simplify calibration and record keeping.

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.

GX - 2001 Model

Gas Detected	All Combustible Gases (Methane as standard)	Oxygen (O ₂)	Hydrogen Sulfide (H ₂ S)	Carbon Monoxide (CO)
Detection Principle	Catalytic combustion	Galvanic cell	Electro-chemical cell	
Detection Range (Increments)	0~100% LEL (1% LEL)	0~40.0 % Vol. (0.1 % Vol.)	0~100.0 ppm (0.5 ppm)	0~500 ppm (1 ppm)
Sampling Method	Diffusion sampling, hand aspirator optional			
Display	Digital LCD with 7 segments, auto backlight at alarm display automatically cycles every 3 seconds reading each gas, immediate reading for alarm condition.			
Preset Alarms (User Adjustable)	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
Kinds of Alarms	Gas Alarms: 2 increasing alarms, STEL, TWA, overscale alarm Trouble Alarms: Sensor connection, wire disconnection, low battery, circuit error, calibration range error			
Display of Alarm	Gas alarm: Blinking LEDs, intermittent buzzer, blinking gas value, vibration Trouble alarm: Blinking LEDs intermittent buzzer, display of error message			
Special Functions	Manual back light LCD (Automatic at alarm) STEL, TWA Peak hold Continuous display of current time Autocalibration		Data logging (40 hours) Alarm trend Direct charging	
Operating Temp. & Humidity	-10°C ~ + 40°C(14 to 104°F), 0 to 85% RH, non-condensing			
Response Time	Within 30 seconds (T90)			
Continuous Operation	Up to 12 hours			
Power Source	Direct charging Ni-Cad battery pack, (2.4VDC)			
Safety Design	Intrinsically safe			
Dimensions & Weight	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)			
Case Material	Dust & weather proof. RFI shielded high Impact plastic and stainless steel			
Controls	Three glow in the dark buttons: POWER / MODE, DISP, AIR			
Warranty	One year material and workmanship			
Standard Accessories	Battery charger, belt clip			
Optional Accessories	(1) Charging station with PC communication function for datalog downloading (2) Communication computer cable (3) Communication software (Windows 95, 98, & NT) (4) Automatic calibration station (5) Hand aspirated sample draw with hose and probe			

* Specifications subject to change without notice.
Please specify gas combination when ordering.

Standard / Combinations Available:

- LEL/O₂/H₂S/CO
- LEL/O₂/H₂S
- LEL/O₂/CO
- LEL/O₂

Note:

STEL.....Short Term Exposure Limit
TWA.....Time Weighted Average
LEL.....Lower Explosive Limit
ppm.....Parts Per Million



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