RKI
INSTRUMENTS
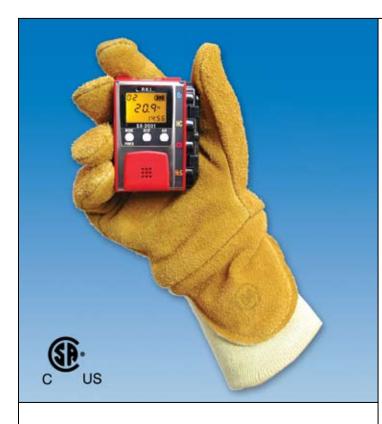
PERSONAL FOUR GAS MONITOR

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, O2, H2S and CO
- Smallest 4 gas monitor on the market
  2.8" H x 2.2" W x 1.1" D, 6 oz.
- Audible, visual, & vibration alarms
- Alarm trend data
- 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
- Automatic backlighting at alarm
- High impact, RFI shielded body
- STEL and TWA readouts (USA Version)
- Continuously displays current time
- Intrinsically safe, CSA, C / US
- 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-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 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! 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-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-2001 is also compatible with the Data Cal 2000 instrument maintenance system and SM-2001U calibration station.

The GX-2001 is 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 RKI sensors and instruments the most reliable and long lasting monitoring devices in the industry.

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

GX - 2001 Model

Gas Detected	All Combustible Gases (Methane as standard)	Oxygen (O2)	Hydrogen Sulfide (H2S)	Carbon Monoxide (CO)
Detection Principle	Catalytic combustion	Galvanic cell	Electrochemical 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, standard hand aspirator or motorized pump 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 200 ppm Over alarm 500 ppm
Types of Alarms	Gas Alarm: 2 increasing alarms, STEL, TWA, overscale alarm Trouble alarm: Sensor disconnection, wire disconnection, low battery, circuit error, calibration range error			
Display of Alarm	Gas Alarm: Flashing LEDs, intermittent buzzer, flashing gas value, vibration Trouble alarm: Flashing LEDs, intermittent buzzer, display of error message			
Special Functions	Manual back light LCD (Automatic at alarm) Datalogging (40 hours) STEL, TWA Alarm trend Peak hold Direct charging in just 90 minutes Continuous display of current time Autocalibration			
Operating Temp. & Humidity	14 to 104°F (-20° C ~ + 40°C), 0 to 85% RH, non-condensing (splash resistant)			
Response Time	Within 30 seconds (T90)			
Continuous Operation	Up to 18 hours			
Power Source	Direct charging NiMH battery pack, charges in just 90 minutes			
Safety Design / Approvals	CSA classified, "C / US", as Intrinsically Safe. Exia. Class I, Groups A, B, C, & D Class I, Zone 0, Group IIC. Temperature Code T3C			
Dimension & Weight	2.8" H x 2.2"W x 1.1"D (Approx. 72 (H) x 56 (W) x 27 (D) mm) , 6 ounces (approx. 140g)			
Case Material	Dust & weather resistant. RFI shielded high impact plastic and stainless steel			
Controls	Three glow in the dark buttons: POWER / MODE, DISP, AIR			
Required Accessories	Battery charger (basic charger or datalogging charger)			
Standard Accessories	Wrist strap .... 13-0112RK Belt clip (hard hat clip also available)... 13-0202RK Ni-MH battery pack.. 49-1605RK			
Optional Accessories	Neck strap (Wrist strap is standard)... 13-0113RK Padded carrying case for GX-2001 and accessories.. 20-0112RK-01 Protective rubber boot.. 20-0315RK Charger, 12 VDC, with cigarette lighter plug.. 49-2157RK Charger, 12VDC & 115 VAC dual input... 49-2162RK Basic charger station, 115 VAC powered... 49-2163RK-01 Datalogging / Charger station (IR) with cable and software for datalogging (Windows 95, 98, ME, XP, Vista, & NT) .. 49-2156RK-01 RP-6 sample drawing pump with hose and probe .... 81-1166RK Hand aspirated sample draw with hose and probe... 81-1160RK GX-2001 docking module... 81-DM2001 SM-2001U calibration station .... 81-SM2001U Data Cal 2000 calibration station 81-DC2000-02			
Configurations	•4 gas, LEL / O2 / H2S / CO •3 gas, LEL / O2 / H2S •3 gas, LEL / O2 / CO •2 gas, LEL / O2 •2 gas, O2 / H2S •2 gas, O2 / CO •2 gas, LEL / CO •2 gas, LEL / H2S •1 gas, LEL			
Warranty	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.

RKI INSTRUMENTS

A9812   (UL) REGISTERED FIRM   ISO 9001:2000

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