



RKI INSTRUMENTS, INC.
33248 Central Ave. Union City, CA 94587
Phone: 510-441-5656

GX-2003

Features:

- Three operating modes:
Normal, Bar Hole, and Leak Check
- Monitors LEL, and % volume methane, O₂, and CO (optional H₂S)
- Barhole mode tests for peak methane and oxygen levels
- Leak detect mode offers high sensitivity tests for ppm level natural gas leaks
- 0 to 100% volume Methane
- Auto-ranging display of % volume and % LEL
- Internal sample drawing pump with up to 40' range
- Vibration, visual, and audible alarms
- Automatic backlight during alarms
- Calibration reminder with lock out option
- Ni-MH or alkaline power source (interchangeable)
- Quick charge (complete charge in 90 minutes)
- Glove friendly glow in the dark buttons
- Alarm latching or non-latching
- High impact protective rubber boot
- Up to 600 hours of datalogging with alarm trends
- Autocalibration or single calibration
- TWA and STEL readings with lunch-break mode
- Intrinsically safe, CSA, C/US classified
- 2 year warranty

Applications:

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



Specifications:

Gas Detected	All Combustible Gases (Methane as standard)	% Volume Methane	Oxygen (O2)	Hydrogen Sulfide (H2S)	Carbon Monoxide (CO)
Detection Principle	Catalytic combustion	Thermal conductivity	Galvanic cell	Electrochemical cell	
Detection Range	0~100% LEL	0~100% Vol.	0~40.0% Vol.	0~100 ppm	0~500 ppm
Sampling Method	Internal sample pump, flow rate nominal 0.5 LPM, includes hydrophobic filter				
Display	Digital LCD with 7 segments, auto backlight during alarm				
Preset Alarms (User Adjustable)	1st alarm 10% LEL 2nd alarm 50% LEL Over alarm 100% LEL	N/A	Low alarm 19.5% High alarm 23.5% Over alarm 40.0%	1st alarm 10 ppm 2nd alarm 30 ppm TWA alarm 10 ppm STEL alarm 15 ppm Over alarm 100 ppm	1st alarm 25 ppm 2nd alarm 50 ppm TWA 25 ppm STEL alarm 200 ppm Over alarm 500 ppm
Alarm Method	Gas alarms: 1st and 2nd (user adjustable), STEL, TWA and OVER Trouble alarms: Sensor connection, low battery, low flow, circuit trouble and calibration error				
Types of Alarms	Gas alarms: Flashing lights, two tone buzzer, and vibration Trouble alarms: Flashing lights, trouble displayed, intermittent buzzer, and vibration				
Operating Temp. & Humidity	-20° C ~ + 50° C (-4 to 122°F), 0 to 85% RH, non-condensing				
Response Time	Within 30 seconds (T90)				
Continuous Operation	Alkaline battery: 14 hours Ni-MH battery: 16 hours (fully charged)				
Power Source	Ni-MH battery pack, direct or separate charge, or 3 AA Alkaline dry cell batteries; interchangeable				



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Power Source	Ni-MH battery pack, direct or separate charge, or 3 AA Alkaline dry cell batteries; interchangeable
Safety Design	CSA classified, "C/US", as intrinsically safe. Class I, Division 1, Groups A, B, C, D
Dimensions & Weight	Approx. 171 (H) x 65 (W) x 39 (D) mm (5.6"H x 2.5"W x 1.5"D), approx. 310 g (11 ounces)
Case Material	Dust & splash resistant. RFI shielded high impact plastic with protective rubber boot
Controls	Five buttons: POWER / ENTER, DISPLAY, AIR, RESET, SHIFT (glow in the dark)
Warranty	Two years material and workmanship
Standard Accessories	Wrist strap 10" Probe Rubber boot 10' Hose Manual Training CD Quick reference card
Standard Accessories (Leak Check/ Bar Hole Versions)	Wrist strap Rubber boot Manual Training CD Quick reference card 10" Probe 3' Hose 10' Hose 30" Bar hole probe
Optional Accessories	Datalogging software Calibration kit Data Cal 2000 or SM-2003 calibration stations Sample draw hoses (10 standard, up to 40 max. available) AC or DC Charger Ni-MH battery pack Carrying case
Configurations	3, 4, or 5 sensor units Ni-MH or alkaline battery options
Warranty	Two years material and workmanship

Specifications subject to change without notice.

AUTHORIZED AGENT:



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