



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

GX-94

Features:

- P004-0006
- RFI shielded high impact plastic
- Microprocessor controlled
- Simultaneous monitoring from two to four gases
- Push button calibration
- Internal data logger standard
- STEL, TWA, and Ceiling display readouts
- Peak and Average readouts
- Easy-to-read back-lit LCD display
- Audible and visible alarms
- Lunch-break mode
- Intrinsically safe, U.L. Classified

Applications:

- Sewage Treatment Plants
- Utility Manholes
- Tunnels
- Hazardous Waste Sites
- Refineries Mines
- Chemical Plants
- Paper Mills
- Drilling Rigs



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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		Electrochemical cell
Detection Range	0~99% LEL	0~40.0 vol%	0~99.5 ppm	0~500 ppm
Sampling Method	Diffusion sampling			
Display	2 digits (1% LEL / digit)	3 digits (0.1 vol % digit)	3 digits (0.5 ppm digit)	3 digits (1 ppm / digit)
	LCD with auto backlighting			
Indication Accuracy	±2% LEL from 0~20% range, ±5% LEL for 20 to 100% range	±0.5% Oxygen	+/- 1.5 ppm from 0~30 ppm range, +/- 5 ppm from 30~99.5 ppm range	+/- 5 ppm from 0-150 ppm +/- 5 ppm from 150 - 500 ppm
Alarms (User Adjustable)	1st alarm 10% LEL 2nd alarm 50% LEL Max alarm 100% LEL	Low alarm 19.5% High alarm 23.5% Max alarm 40.0%	1st alarm 10 ppm Ceiling alarm OFF TWA alarm 10 ppm STEL alarm 15 ppm Max alarm 100 ppm	1st alarm 25 ppm Ceiling alarm OFF TWA alarm 25 ppm STEL alarm 400 ppm Max alarm 500 ppm
Alarm Method	Buzzer (80dB) and individual LED lamp (self-reset)			
Special Functions	Dosimeter: Indicates Time Weighted Average (TWA), Short Term Exposure Limit (STEL) Peak hold: Indicates highest readings since start up, lowest reading for oxygen Delayed turn off: Approx. 5 seconds, prevents inadvertent turn off Integral data logger: Selectable data log intervals (5 sec to 5 min), up to 45 hours total log time, Demand zero: Zero only on demand			
Operating Temp. & Humidity	-20°C~+50°C (-4 to 122°F), 0 to 95% RH, non-condensing			



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Data Logger Output	RS-232 to PC	
Continuous Operating Hours	Approx. 12 hours using alkaline batteries. 8 hours using Ni-Cad batteries	
Power Source	C size alkaline battery (2 pcs) or Ni-Cad battery (optional, externally charged)	
Safety Design	Intrinsically safe, U.L. Classified, Class I, Division 1, Groups A, B, C and D	
Dimensions & Weight	90 x 64 x 160mm (3.54" x 2.52" x 6.3"), approx. 700g (25 ounces)	
Case Material	Weather resistant. RFI Shielded high Impact plastic	
Controls	Touch operated: DISPLAY, AIR, ON/OFF, SHIFT	
Warranty	One year material and workmanship	
Standard Accessories	(a) Shoulder strap (b) Instruction manual	
Optional Accessories	(1) Sample draw pump (2) Sample draw adapter plate (3) Data connector, CPU adapter type RC-1 (4) Remote repeater alarm	(5) Padded carrying case (6) Ni-Cad batteries and charger (7) Calibration kit

Note:

STEL = Short Term Exposure Limit

TWA = Time Weighted Average

LEL = Lower Explosive Limit

PPM = Parts Per Million

Specifications subject to change without notice.

AUTHORIZED AGENT:

