



INSTRUMENTS

TWO TO FOUR GAS PORTABLE MONITOR

Gas Detection For Life

GX-94 Model



Simultaneous detection for
Combustibles, O₂, CO and/or H₂S

Features

- RFI shielded high impact plastic
- Microprocessor controlled
- Simultaneous monitoring from 2 to 4 gases
- Push button calibration
- Internal data logger standard
- STEL, TWA, and Ceiling display readouts
- Peak and Average readouts
- Auto back-lit LCD display
- Audible and visual alarms
- Lunch-break mode
- Training CD included
- Intrinsically safe, U.L. Classified

Applications

- Confined Spaces
- Sewage Treatment Plants
- Utility Manholes
- Tunnels
- Hazardous Waste Sites
- Refineries
- Mines
- Chemical Plants
- Paper Mills

The GX-94 is a powerful and economical solution for confined space gas monitoring requirements. For one low price you receive features such as single-button autocalibration of all gases, datalogging with a lunch break mode, continuous operation for 12 hours on only 2 size C alkaline batteries with a dual low battery alarm (warning and fully dead). You also get simultaneous readout of all 4 gases on an auto back-lit LCD display, a high impact RFI shielded housing, user adjustable audible and visual alarm settings, additional STEL / TWA / Ceiling alarms and readouts, as well as peak or average readouts. The GX-94 has proven to be a highly reliable and rugged gas monitor.

This compact portable instrument will monitor for % LEL levels of combustibles, oxygen deficiency, and ppm levels of hydrogen sulfide and carbon monoxide. The GX-94 is also ergonomically designed with a wide, steel-belt clip that positions the instrument's display and visual alarms facing up at the user. There are several sampling options with the GX-94 including its standard diffusion configuration, the attachable battery driven pump or the hand-aspirated pump. A protective, padded, waterproof carrying case is also available which custom fits the GX-94 and all of its accessories in a protective, foam padding. UL Classified as intrinsically safe.

GX - 94 Model

Gas Detected	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	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: Peak hold: Delayed turn off: Integral data logger: Demand zero:	Indicates Time Weighted Average (TWA), Short Term Exposure Limit (STEL) Indicates highest readings since start up, lowest reading for oxygen Approx. 5 seconds, prevents inadvertent turn off Selectable data log intervals (5 sec to 5 min), up to 45 hours total log time Zero only on demand		
Operating Temp. & Humidity	-10°C~+40°C(14 to 104°F), 0 to 95% RH, non-condensing			
Data Logger Output	RS-232 to PC			
Continuous Operating Hours	Approx. 12 hours using alkaline batteries. 8 hours using Ni-Cd batteries			
Power Source	C size alkaline battery (2 pcs) or Ni-Cd 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 proof. RFI Shielded high Impact plastic			
Controls	Touch operated: DISPLAY, AIR, ON/OFF, SHIFT			
Warranty	One year material and workmanship			
Standard Accessories	Shoulder strap, Alkaline Batteries, Instruction Manual and Training CD			
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-Cd batteries and charger (7) Calibration kit	

Ordering Information

GX-94 measuring LEL / O ₂	72-0219RK
GX-94 measuring LEL / O ₂ / H ₂ S	72-0220RK
GX-94 measuring LEL / O ₂ / CO	72-0221RK
GX-94 measuring LEL / O ₂ / H ₂ S / CO	72-0222RK

Note:

STEL =	Short Term Exposure Limit
TWA =	Time Weighted Average
LEL =	Lower Explosive Limit
PPM =	Parts Per Million

Confined Space Kits

LEL / O ₂ / H ₂ S w/battery operated pump and case	72-0220RK-20
LEL / O ₂ / CO w/battery operated pump and case	72-0221RK-20
LEL / O ₂ / H ₂ S / CO w/battery operated pump and case	72-0222RK-20

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



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