



SINGLE GAS PERSONAL MONITOR

Gas Detection For Life

Model OX-94/CO-94/HS-94



Features

- Pocket size, light weight design
- Digital LCD readout
- Microprocessor controlled
- Alarm level indication by buzzer & display
- Low battery warning by buzzer & display
- Peak value function
- TWA, STEL values for toxic versions
- Hands-free monitoring (pocket worn)
- Continuous diffusion sampling
- Touch operated controls
- Intrinsically safe circuitry

Applications

- Worker Safety
- Chemical Plants
- Hazardous Waste Sites
- Mines
- Tunnels
- Sewage Treatment Plants
- Drilling Oil

Models OX-94, CO-94, and HS-94 (the 94 personal series) are compact portable gas monitors for the detection of oxygen deficiency, carbon monoxide and hydrogen sulfide. These intrinsically safe units are compact, highly accurate, and have microprocessor controlled functions. Each instrument displays a large digital readout for the gas being monitored with auto backlighting for dark areas and alarm conditions. The display also shows easy to understand symbols for the current battery condition, peak hold, STEL, and TWA values. In addition to the visual indicators, audible alarms will alert the user to a dangerous gas concentration or a low battery condition.

Weighing less than 5 ounces, this instrument can be comfortably worn, as you work, clipped to your pocket or belt for hands free operation. To increase the durability of the 94 series already rugged water-resistant plastic casing, each instrument is shipped with a protective vinyl cover. The control panel has a simple design with two glove-friendly pushbuttons which access all of the instrument's functions.

The 94 personal series gas monitors are ideal for worker protection or as a surveying tool to determine gas levels in a workspace or confined space.

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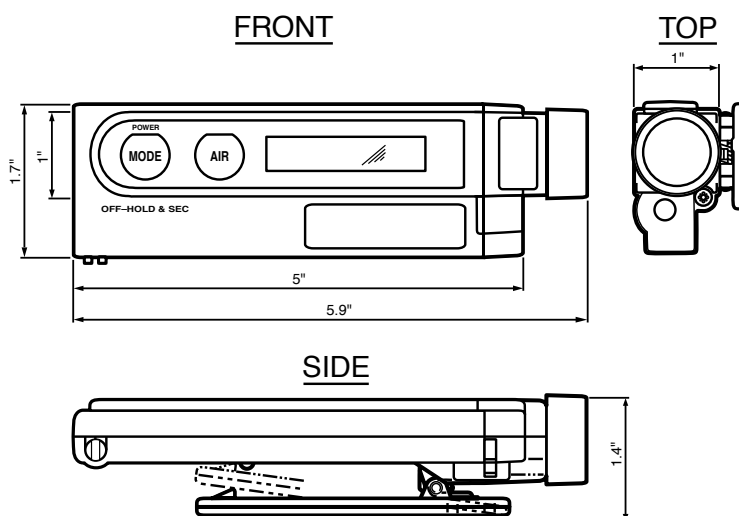
World Leader In Gas Detection & Sensor Technology
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Model OX-94/CO-94/HS-94

Model Name	OX-94	CO-94	HS-94
Gas Detected	Oxygen (O ₂)	Carbon Monoxide (CO)	Hydrogen Sulfide (H ₂ S)
Detection Range	0 – 40.0 vol%	0 – 150 ppm (Standard range) extendable up to 500 ppm	0 – 30.0 ppm (Standard range) extendable up to 99.5 ppm
Detection Principle	Galvanic cell	Electrochemical cell	
Sampling Method	Diffusion sampling		
Response Time	Within 20 seconds (T90)	Within 30 seconds (T90)	
Indication Accuracy	Better than +/- 0.5 vol%	+/- 5% of full scale against standard range	
Display	3 digits on LCD, 0.1% digit	3 digits on LCD, 1 ppm / digit	3 digits on LCD, 0.5 ppm / digit
Alarm Points	19.5% low, 23.5% high	25 ppm, TWA 25 ppm, STEL 400 ppm	10 ppm, TWA 10 ppm, STEL 15 ppm
Low Battery Alarm	Continuous buzzer and indication of battery power remaining		
Operating Temp.	-10°C~+40°C (14°F~104°F)		
Power	Alkaline batteries (AAA) 2 pcs.		
Continuous Operation	Approx. 80 hours		
Safety Design	Intrinsically safe, Class I, Div. 1. Group A, B, C & D		
Dimension & Weight	145(W) x 44(H) x 25(D)mm, 5.7(W) x 1.7(H) x 1.0(D) inch. 0.12kg, 4.23 oz (including batteries)		
Standard Accessories	1) AAA Alkaline batteries x 2	2) Shoulder strap	3) Clip for belt or pocket
Features	1. Manual back light for LCD display (Auto back light in alarm condition) 2. PEAK HOLD function 3. Sensor connection check function 4. Rugged clip for pocket or belt 5. Long life sensors typically last over 2 years		

OXYGEN DEFICIENCY AND TOXIC GAS DANGERS

An oxygen deficient environment is very dangerous! Even a brief exposure to an oxygen deficient environment can lead to unconsciousness or death. It is important to know the concentration of oxygen in your working area so that appropriate measures may be taken to ensure worker safety. Likewise, an environment where toxic gases are present, such as carbon monoxide or hydrogen sulfide, can also be very dangerous to health and life. The 94 Series provides an easy to use, rugged and reliable monitor to protect workers from these hazardous gases.



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