



# SINGLE GAS PERSONAL MONITOR

Gas Detection For Life

GasWatch 2 Model



## Features

- 3 Gases to choose from CO, H2S, or O2
- Hands free gas monitoring
- Compact “watch type” design
- Fast, accurate response with digital LCD display
- Fits on your wrist, clothing, belt or hardhat
- Automatic backlight during alarm
- Manual backlight
- Sensor fail alarm
- PEAK hold function (min. and max. values for O2)
- TWA and STEL function
- Displays current time
- Visual, audible, and vibration alarms standard
- Over 3,000 hours of operation from 1 battery
- Intrinsically safe, CSA, C/US approved
- 2 Year warranty

## Applications

- Worker safety
- Refineries
- Petrochemical facilities
- Sewage treatment plants
- Fire Departments
- Chemical plants
- Tunnels
- Mines
- Hazardous waste sites

The GasWatch 2 is the first single-gas monitor that can be comfortably worn on the wrist like a watch. The GasWatch 2 is a convenient, inexpensive, hands-free method of gas monitoring for personal protection from oxygen deficiency, carbon monoxide or hydrogen sulfide. The built-in vibrator, audible, and visual alarms immediately alert the user to a dangerous gas condition.

The GasWatch 2 is controlled by a microprocessor for reliability and advanced capabilities. Some of these advanced capabilities include distinctive audible and visual alarms for dangerous gas conditions and malfunctions, a large digital readout with a manual backlight that also automatically lights in an alarm condition, as well as the display of PEAK, TWA, and STEL readings. The replacement sensors are inexpensive, easily field replaceable, and have a life expectancy of about 2 years. Equipped with a watch band, optional belt clip, hard hat clip, or alligator clip, the GasWatch 2 can be worn either on the wrist, belt, hard hat, or clipped to protective wear.

The GasWatch 2 will operate for over 3,000 hours on one battery (about 1 year normal use). And yes, the GasWatch 2 even tells the time!

# GasWatch 2 Model

Model Name Gas	GW – 2X	GW – 2H	GW – 2C
<b>Detected Detection</b>	Oxygen (O2)	Hydrogen Sulfide (H2S)	Carbon Monoxide (CO)
<b>Principle</b>	Galvanic cell	Electro chemical	Electro chemical
<b>Detection Range (Increments)</b>	0 – 40%vol. (0.1 % vol.)	0 – 100 ppm (0.5 ppm)	0 – 500 ppm (1 ppm)
<b>Alarm Set Points</b>	Low 19.5% vol. High 23.5% vol. Over 40.0% vol.	1 st 10.0 ppm 2nd 30.0 ppm TWA 10.0 ppm STEL 15.0 ppm Over 100.0 ppm	1 st 25 ppm 2nd 50 ppm TWA 25 ppm STEL 200 ppm Over 500 ppm
<b>Alarm Types</b>	Gas alarms: TWA, and over alarm Trouble alarms: error, and calibration range error		2 step alarm (user adjustable), STEL, sensor connection, low battery, circuit
<b>Alarm Methods</b>			flashing light, intermittent buzzer and flashing light, intermittent buzzer and
<b>Gas Sampling</b>	Gas alarms: pulsing vibration Trouble alarms: trouble type displayed		flashing light, intermittent buzzer and flashing light, intermittent buzzer and
<b>Response Time</b>	(Alarms within 5 seconds when exposed to 12% O2)		T90 in 30 seconds
<b>Accuracy</b>	+/- 0.5% vol.	+/- 1.5 ppm (up to 30 ppm)	
<b>Power Continuous Operation</b>		One coin type lithium battery (CR 2450)	
<b>Safety Rating</b>		Approximately 3,000 hours with no alarms or backlighting (about 1 year of normal use)	
<b>Dimension Weight</b>		CSA classified, "C/US", as intrinsically safe. Class I, Division 1, Groups A, B, C and D. Class I, Zone 0, Group IIC. Temperature code T4 2.5"(W) x 1.7"(H) x 0.9"(D) / 63.5 mm(W) x 43 mm(H) x 23 mm(D) 2 ounces / 60 grams	
<b>Case</b>		High-impact plastic, dust and weather proof	
<b>Attachment Choices</b>		Watchband, alligator clip, belt clip, and hard hat clip	
<b>Operating Temperature and Humidity</b>		-10 ~ 40°C, (14 ~ 104° F) below 85% RH (non condensing)	
<b>Special Functions</b>	<input type="checkbox"/> LCD manual backlight (automatic lighting during alarm) <input type="checkbox"/> STEL, TWA function <input type="checkbox"/> Peak hold <input type="checkbox"/> Time indication		
<b>Warranty</b>	Two years material & workmanship		
<b>Ordering Information</b>	*Specifications subject to change without notice.		
72-0007RK .....	GW-2X with watch band	72-0007RK-02	GW-2X with hardhat clip
73-0040RK .....	GW-2C with watch band	73-0040RK-02	GW-2C with hardhat clip
73-0041 RK .....	GW-2H with watch band	73-0041 RK-02	GW-2H with hardhat clip
72-0007RK-01 .....	GW-2X with alligator clip	72-0007RK-03	GW-2X with belt clip
73-0040RK-01 .....	GW-2C with alligator clip	73-0040RK-03	GW-2C with belt clip
73-0041 RK-01 .....	GW-2H with alligator clip	73-0041 RK-03	GW-2H with belt clip

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