



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 classified
- 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!

RKI Instruments, Inc. • 33248 Central Ave. Union City, CA 94587 • Phone (800) 754-5165 • (510) 441-5656 • Fax (510) 441-5650

World Leader In Gas Detection & Sensor Technology
www.rkiinstruments.com

GasWatch 2 Model

Model Name	GW – 2X	GW – 2H	GW – 2C
Gas Detected	Oxygen (O2)	Hydrogen Sulfide (H2S)	Carbon Monoxide (CO)
Detection Principle	Galvanic cell	Electrochemical cell	Electrochemical cell
Detection Range (Increments)	0 – 40%vol. (0.1% vol.)	0 – 100 ppm (0.5 ppm)	0 – 500 ppm (1 ppm)
Alarm Set Points	Low 19.5% vol. High 23.5% vol. Over 40.0% vol.	1st 10.0 ppm 2nd 30.0 ppm TWA 10.0 ppm STEL 15.0 ppm Over 100.0 ppm	1st 25 ppm 2nd 50 ppm TWA 25 ppm STEL 200 ppm Over 500 ppm
Alarm Types	Gas alarms: 2 level alarm (user adjustable), STEL, TWA, and over alarm Trouble alarms: sensor connection, low battery, circuit error, and calibration range error		
Alarm Methods	Gas alarms: flashing light, intermittent buzzer and pulsing vibration Trouble alarms: flashing light, intermittent buzzer and trouble type displayed		
Gas Sampling	Diffusion		
Response Time	T90 in 20 seconds (Alarms within 5 seconds when exposed to 12% O2)	T90 in 30 seconds	
Accuracy	+/- 0.5% vol.	+/- 1.5 ppm (up to 30 ppm)	+/- 5 ppm (up to 150 ppm)
Power	One coin type lithium battery (CR 2450)		
Continuous Operation	Approximately 3,000 hours with no alarms or backlighting (about 1 year of normal use)		
Safety Rating	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		
Dimension Weight	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		
Case	High-impact plastic, dust and weather proof		
Attachment Choices	Watchband, alligator clip, belt clip, and hard hat clip		
Operating Temperature and Humidity	-10 ~ 40°C, (14 ~ 104° F) below 85% RH (non condensing)		
Special Functions	<ul style="list-style-type: none"> • LCD manual backlight (automatic lighting during alarm) • STEL, TWA function • Peak hold • Time indication 		
Warranty	Two years material & workmanship		

Ordering Information

72-0007RK.....GW-2X with watch band
 73-0040RK.....GW-2C with watch band
 73-0041RK.....GW-2H with watch band
 72-0007RK-01.....GW-2X with alligator clip
 73-0040RK-01.....GW-2C with alligator clip
 73-0041RK-01.....GW-2H with alligator clip

72-0007RK-02.....GW-2X with hardhat clip
 73-0040RK-02.....GW-2C with hardhat clip
 73-0041RK-02.....GW-2H with hardhat clip
 72-0007RK-03.....GW-2X with belt clip
 73-0040RK-03.....GW-2C with belt clip
 73-0041RK-03.....GW-2H with belt clip

Specifications subject to change without notice.



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