

# FOUR GAS PERSONAL MONITOR MODEL GX-2009



## World Smallest 4 Gas Monitor

Approx.

69 (H) × 76 (L) × 26 (D) mm, 130g

[2.72"H × 2.99"L × 1.02"D, 4.6 oz]


### APPLICATION

- Confined Space
- Refineries/Petrochemical
- Utilities
- Chemical Plants
- Hazardous Material
- Water/Wastewater Treatment
- Fire Services
- Mining
- Pharmaceuticals

### FEATURES


- Simultaneous and real-time detection of 4 gases LEL, O<sub>2</sub>, H<sub>2</sub>S & CO
- Large simultaneous display for 4 gases
- Water and dust resistant, IP67
- Loud alarm buzzer 95dB at 30 cm
- 3 bright LED alarm windows
- Rechargeable Ni-MH battery pack
- Continuous operation for up to 20 hours
- Built in shock-resistant coating
- RFI shielded housing
- Vibration alarm
- Datalogging standard
- Auto-calibration
- STEL and TWA readouts
- Peak hold readout
- Continuously displays current time

# MODEL GX-2009


Gas detected	Combustible gases	Oxygen (O <sub>2</sub> )	Hydrogen sulfide (H <sub>2</sub> S)	Carbon monoxide (CO)
Detection principle	New ceramic	Galvanic cell	Electrochemical	
Detection range (Increments)	0-100%LEL (1%LEL)	0-40.0vol% (0.1vol%)	0-100.0ppm (0.5ppm)	0-500.0ppm (1ppm)
Sampling method	Diffusion			
Display	Simultaneous display. Digital LCD with segments, auto backlight at alarm display.			
Alarm sounds	95dB at 30cm			
Preset alarms (User adjustable)	1st alarm 10%LEL 2nd alarm 50%LEL Over alarm 100%LEL	Low alarm 19.5vol% High alarm 23.5vol% Over alarm 40.0vol%	1st alarm 5.0ppm 2nd alarm 30.0ppm TWA alarm 10.0ppm STEL alarm 15.0ppm Over alarm 100.0ppm	1st alarm 25.0ppm 2nd alarm 50.0ppm TWA alarm 25.0ppm STEL alarm 200.0ppm Over alarm 500.0ppm
Types of alarms	Gas alarms : 2 preset alarms, STEL, TWA, overscale alarm Trouble alarms : Sensor disconnection, low battery, circuit error, calibration range error			
Display of alarm	Gas alarms : Flashing LEDs, intermittent buzzer, flashing gas value, vibration Trouble alarms : Flashing LEDs, intermittent buzzer, display of error message			
Functions	Manual backlight LCD (Automatic at alarm) Data logging STEL, TWA Peak hold Alarm trend Direct charging Continuous display of current time Autocalibration			
Output signal type	IrDA for Data logger			
Operating temp.&humidity	-20°C to +50°C (-4 to 122°F) , 0 to 95%RH, non-condensing			
Continuous operation	Up to 20 hours after full charge (Up to 14 hours after 90 min charge)			
Power source	Direct charging Ni-MH battery pack (can be fast charged in just 180 min)			
Case materials	Rubber coated polycarbonate			
Ingress Proof Rating	IP67			
Safety design/Approvals	<ul style="list-style-type: none"> <li>• ATEX  II 1G Ex ia IIC T4 Ga</li> <li>• IECEx Zone 0 Ex ia IIC T4 Ga</li> <li>• CSA Intrinsically safe, class I, Division I, Groups A, B, C, D</li> <li>• Cc</li> <li>• TIIS Ex ia IIC T4</li> <li>• MED</li> </ul>			
Dimensions & Weight	Approx. 69 (H) × 76 (L) × 26 (D) mm (2.72"H × 2.99" L × 1.02"D) Approx. 130g (4.6 ounces)			
Controls	Two buttons : POWER/MODE, AIR			
Standard accessories	(1) Wrist strap (2) Alligator clip (3) Battery charger			
Optional accessories	(1) Hand aspirator sampling kit (2) Sample-draw pump model RP-2009 (3) Data logger management program (4) Extension connector for chargers (5) Stand alone calibration station SDM-2009			

Specifications subject to change without notice.


## ACCESSORIES



**Standard accessories**



**Optional accessories**



**SDM-2009**  
Stand alone calibration station

## RIKEN KEIKI Co.,Ltd.

2-7-6 Azusawa, Itabashi-ku, Tokyo 174-8744, Japan  
 Phone : +81-3-3966-1113  
 Telefax : +81-3-3558-9110  
 E-mail : [intdept@rikenkeiki.co.jp](mailto:intdept@rikenkeiki.co.jp)  
 Web site : <http://www.rikenkeiki.co.jp/english>

★ Distributed by: