

GX-2009 Model

Gas Detected	Combustible Gases (Methane as standard)	Oxygen (O2)	Hydrogen Sulfide (H2S)	Carbon Monoxide (CO)
Detection Principle	Catalytic combustion	Galvanic cell	Electrochemical cell	
Detection Range (Increments)	0 ~ 100% LEL (1% LEL)	0 ~ 40.0% Vol. (0.1% Vol.)	0 ~ 100.0 ppm (0.5 ppm)	0 ~ 500 ppm (1 ppm)
Accuracy Statement	± 5% of reading or ± 2% LEL (whichever is greater)	± 0.5% O2	± 5% of reading or ± 2 ppm H2S (whichever is greater)	± 5% of reading or ± 5 ppm CO (whichever is greater)
Sampling Method	Diffusion sampling standard / hand aspirator or motorized pump optional			
Display	Digital LCD displays all four gases simultaneously, with auto backlight			
Preset Alarms (User Adjustable) Overscale alarm (Non-adjustable)	1st alarm 10% LEL 2nd alarm 50% LEL Over alarm 100% LEL	Low alarm 19.5% High alarm 23.5% Over alarm 40.0%	1st alarm 10 ppm 2nd alarm 30 ppm TWA alarm 1.0 ppm STEL alarm 5.0 ppm Over alarm 100 ppm	1st alarm 25 ppm 2nd alarm 50 ppm TWA alarm 25 ppm STEL alarm 200 ppm Over alarm 500 ppm
Types of Alarms	Gas Alarm: 2 Increasing alarms, STEL, TWA, overscale alarm. O2 decreasing/increasing. Trouble alarm: Sensor disconnection, low battery, circuit error, calibration range error			
Display of Alarm	Gas Alarm: Flashing LEDs, intermittent buzzer (95 db @ 30 cm), flashing gas value, vibration Trouble alarm: Flashing LEDs, intermittent buzzer (95 db @ 30 cm), display of error message			
Operating Temp. & Humidity	-4°F to 122°F (-20°C ~ +50°C), 0 to 95% RH, non-condensing (splash resistant)			
Response Time	Within 30 seconds (T90)			
Continuous Operation	20 hours after a 3 hour full charge (14 hours after 90 min charge)			
Power Source	Direct charging NiMH batteries, set of 2			
Safety Design / Approvals	IECEx zone 0 Ex ia IIC T4; ATEX II 1G Ex ia IIC T4; (optional MSHA version also available) c CSA US classified, as intrinsically safe. Class I, Division 1, Groups A, B, C, D			
Dimension & Weight	2.7" H x 3" W x 1" D (Approx. 70 H x 75 W x 25 D mm), 4.6 ounces (approx. 130 g)			
Case Material	High impact over molded rubber. Dust and water resistant with IP-67 approval.			
Controls	Two buttons: POWER / MODE, AIR			
Datalogging	Standard with all instruments. Stores 8 alarm trend sessions where readings are recorded 30 minutes before and after an alarm event. 3,600 data point capacity with a log time range of 10 to 300 hours (based on programmable interval times); and stores up to 100 calibration records.			
Required Accessories	Battery charger			
Standard Accessories	Alligator clip 13-0116RK NiMH batteries (set of 2) 49-1609RK Charging station with 115/220 VAC power supply (also available without power supply, 49-2170RK) 49-2170RK-01 Product CD (includes datalogging software) 71-8002RK			
Optional Accessories	Belt Clip 13-0117RK Padded carrying case for GX-2009 and accessories 20-0112RK-01 Charging station, 115/220 VAC powered for 2, 3, 4, or 5 instruments 49-2170RK-XX Charging station with 12 VDC power supply and vehicle adapter plug 49-2171RK 12 VDC adapter with vehicle plug (does not include charger base) 49-2020RK RP-2009 pump with 4" rubber nipple, 10' hose and probe (up to 30' hose available) 81-1177RK Hand aspirated sample draw with 10' hose and probe (up to 40' hose available) 81-1160RK USB to IrDA downloading cable 47-5084RK-01 SDM-2009 single calibration station 81-SDM2009-01			
Configurations	• 4 gas, LEL / O2 / H2S / CO • 3 gas, LEL / O2 / H2S • 3 gas, LEL / O2 / CO • 2 gas, LEL / O2 • 2 gas, O2 / H2S • 2 gas, O2 / CO • Single gas LEL, O2, CO, H2S			
Warranty	Two years material and workmanship			

Specifications subject to change without notice.



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