GX-2012 Model

Gas Detected	Combustible gases (Methane as standard)	% Volume Methane	Oxygen (O$_2$)	Hydrogen Sulphide (H$_2$S)	Carbon Monoxide (CO)
Detection Principle	Catalytic Combustion	Thermal conductivity	Galvanic cell	Electro-chemical cell	Electro-chemical cell
Detection Range	0 – 100% LEL	0 - 100% Vol	0 – 40.0% Vol	0 – 100 ppm	0 – 500 ppm
Accuracy Statement (whichever is greater)	$\pm$ 5% of reading or $\pm$ 2% LEL	$\pm$ 5% of reading or $\pm$ 2% of full scale	$\pm$ 0.5% O2	$\pm$ 5% of reading or $\pm$ 2ppm H2S	$\pm$ 5% of reading or $\pm$ 5ppm CO
Sampling Method	Internal sample pump, flow rate nominal 0.5 lpm, includes hydrophobic filter				
Display	Digital LCD with 7 segments, auto backlight during alarm				
Present Alarms (User Adjustable)	1st alarm 5% LEL 2nd alarm 10% LEL Over alarm 100% LEL	No alarms for % Vol CH4	Low alarm 19.5% High alarm 23.5% Over alarm 40.0%	1st alarm 10 ppm 2nd alarm 15 ppm TWA alarm 10 ppm STEL alarm 15 ppm Over alarm 100 ppm	1st alarm 30 ppm 2nd alarm 60 ppm TWA alarm 30 ppm STEL alarm 200 ppm Over alarm 500 ppm
Alarm Types	Gas Alarm: 1st and 2nd, STEL, TWA (user adjustable) and OVER Trouble Alarm: Sensor connection, low battery, low flow, circuit trouble and calibration error				
Alarm Methods	Gas Alarm: Flashing lights, two tone buzzer and vibration Trouble Alarm: Flashing lights, trouble displayed, intermittent buzzer and vibration				
Operating Temp & Humidity	-20℃ to +50℃, 0 to 95% RH, non-condensing				
Response Time	Within 30 seconds (T90)				
Continuous Operation	Alkaline battery: 15 hours Li-ion battery: 10 hours 21℃				
Power Source	Li-ion battery pack or 3 "AA" Alkaline battery pack (standard); interchangeable				
Safety Rating	ATEX, TIIS, IECEx, CE $_c$CSA$_{us}$ classified (pending) as intrinsically safe. Class I, Division 1, Groups A, B, C, D				
Dimensions & Weight	Approx 14.3 cm x 7.1 cm x 4.3 cm (H x W x D), Weight is approx 350g				
Case Material	High dust & water resistant design. RFI shielded high impact plastic with protective rubber overmoulding				
Controls	Five buttons: POWER/ENTER, DISPLAY, AIR, RESET, SHIFT				
Standard Accessories	Belt clip Quick reference card	Rubber nozzle 6.3 cm Training CD	Manual Alkaline battery pack		
Optional Accessories	SDM-2012 Calibration station Carry case AC or DC charger	Calibration kit Sample draw hose (3 -15m available) Datalogging software	Li-ion battery pack 25 cm Probe		
Configurations	1, 2, 3, 4 or 5 sensor units Li-ion or alkaline battery pack options				
Warranty	Two year material and maintenance				

Specifications subject to change

Contact Information

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