



CONFINED SPACE / LEAK DETECTOR

LEADERS IN GAS DETECTION

Since 1977

GX-2012GT Model



Features:

- Monitors ppm, LEL, and % volume methane, O₂ and CO
- PPM leak detector, detects down to 10 ppm CH₄
- "Leak tracker" audible/visual alarm mode
- 0 to 100% volume Methane option
- Auto-ranging display of % LEL and % volume
- Barhole test mode
- Bump test reminder option
- Snap-logging - on demand data recording
- Pump pause on demand extends battery life
- Internal sample drawing pump with up to 15m range
- Vibration, visual, and audible alarms
- Automatic backlight during alarms
- Calibration reminder with lock out option
- Lithium ion or alkaline power source (interchangeable)
- Quick charge
- Glove friendly large buttons
- Alarm latching or non-latching
- High impact protective rubber overmoulding
- Up to 600 hours of data logging with alarm trends
- Autocalibration or single calibration
- TWA and STEL readings with lunch-break mode
- Intrinsically safe, ATEX / IECEx / CE
- High dust and water resistance design

Built around high-quality micro-sensor technology, the GX-2012GT is Control Equipment's smallest personal 5 sensor monitor with a built in sample pump. Weighing only 350g, it has many features which set the GX-2012GT apart from the competition. It can monitor the standard gas safety hazards for gas/pipeline operations, (LEL combustibles, Oxygen content, and Carbon Monoxide), and it also has a high-sensitivity ppm CH₄ leak tracker mode which reads down to 10 ppm. It can also measure 100% volume Methane and dynamically display either % LEL, or % volume with its auto-ranging ability. The GX-2012GT is excellent for gas line purge testing and detection of small gas leaks.

The GX-2012GT models' large LCD display shows all gas readings, battery level, current time, and will automatically backlight in alarm conditions. Other standard mode alarm types include vibration, visual, and audible alarms that can be set to latching or non-latching. Controlled by a microprocessor, the GX-2012GT continuously checks itself for sensor connections, low battery, circuit trouble, low flow, and calibration errors. The GX-2012GT can interchangeably operate on either a Li-Ion battery pack or an alkaline battery pack. The batteries are simple to replace requiring no tools to access the removable battery compartment or pack. Calibration and bump test intervals and reminders are user adjustable and can be set to either go into alarm or to lock the user out of normal measurement mode once a calibration period has expired. Calibrations can be performed automatically or individually in single calibration mode. The GX-2012GT is also compatible with the economical SDM-2012 single channel calibration station.



OIL & GAS



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SPACE



HYGIENE



MINING



LABORATORIES



HVAC



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SHIPPING



FUMIGATION

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Sydney
Melbourne
Adelaide

Hobart
Auckland
Wellington



GX-2012GT Model

Gas Detected	Combustible Gases (Methane as standard)	% Volume Methane	PPM Methane	Oxygen (O2)	Carbon Monoxide (CO)
Detection Principle	Catalytic combustion	Thermal conductivity	MOS/catalytic	Galvanic cell	Electrochemical cell
Detection Range	0 ~ 100% LEL	0 ~ 100% Vol.	0 ~ 5000 ppm optional 10,000 ppm range version available	0 ~ 40% Vol.	0 ~ 500 ppm
Accuracy Statement (whichever is greater)	± 5% of reading or ± 2% LEL	± 5% of reading or ± 2% of full scale	± 10% of reading or ± 50 ppm CH4	± 0.5% O2	± 5% of reading or ± 5 ppm 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				
Preset Alarms (User Adjustable)	1st alarm 5% LEL 2nd alarm 10% LEL Over alarm 100% LEL	No alarms for % Vol. CH4	Increasing tone/ light pulse as concentration increases	Low alarm 19.5% High alarm 23.5% Over alarm 40.0%	1st 30 ppm 2nd 60 ppm TWA 30 ppm STEL 200 ppm Over 500 ppm
Alarms Types	Leak Tracker Mode: Escalating audible/visual alarm, changes with gas level (audible can be turned off) Gas alarms: 1st and 2nd, STEL, TWA (user adjustable) and OVER Trouble alarms: Sensor connection, low battery, low flow, circuit trouble and calibration error				
Alarm Methods	Gas alarms: Flashing lights, two tone buzzer, and vibration Trouble alarms: Flashing lights, trouble displayed, intermittent buzzer, and vibration				
Operating Temp. & Humidity	-20°C to +50°C 0 to 95% RH, non-condensing				
Response Time	Within 30 seconds (T90)				
Continuous Operation	Alkaline battery: 15 hours Li-Ion battery: 10 hours 70°F (21°C)				
Power Source	Li-Ion battery pack, or 3 "AA" Alkaline battery pack; interchangeable				
Safety Rating	ATEX, TIIS, IECEx, CE, or optionally: c CSA US classified, as intrinsically safe. Class I, Division 1, Groups A, B, C, D Note: Either ATEX (USA and worldwide) or CSA (Canada) version must be specified when ordering.				
Dimension & Weight	Approx. 143 (H) x 71 (W) x 43 (D) mm, approx. 350 g				
Case Material	High dust & water resistant design IP-67. RFI shielded high impact plastic with protective rubber overmolding				
Controls	Five buttons: POWER / ENTER, DISPLAY, AIR, RESET, SHIFT				
Standard Accessories	<ul style="list-style-type: none"> Belt clip 25cm probe Quick reference card 6.3cm rubber nozzle Data logging software Alkaline battery pack Manual 3m hose 				
Optional Accessories	<ul style="list-style-type: none"> SDM-2012 calibration stations Li-Ion battery pack Sample draw hoses (10' standard, up to 50' max. available) Calibration kit AC or DC Charger Carrying case 				
Configurations	1, 2, 3, 4, or 5 sensor units Li-Ion or alkaline battery pack options				
Warranty	Two years material and workmanship				

Specifications subject to change without notice.



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