



PORTABLE MULTI GAS DETECTOR

LEADERS IN GAS DETECTION

Since 1977

GX-6000 Model



Features:

- Multi gas detection 1 to 6 gases
- Smart sensors - PID, EC, IR, OS
- World smallest & lightest 6 gas monitor
- Interchangeable power source Li-Ion / Alkaline
- Wide operation temp. -20°C to 50°C
- High water & dust proof level IP67
- Various approvals ATEX / IECEx / CE
- Docking station SDM-6000
- Man down / Panic alarm / LCD inversion / LED flashlight
- +24 hours operation

Applications:

- Personal monitoring
- Refineries / petrochemical
- Wastewater treatment / confined space
- Utilities
- Chemical plants
- Hazardous material
- Water
- Fire service



Smart Sensors for PID, Electro Chemical are newly released

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Specifications

GX-6000 Model

Gases & Detectable Ranges				
Gas	Measuring Range	Minimum Display	Alarm Set Points	Accuracy (which ever is greater)
Catalytic				
Hydrocarbons (CH4, std)	0 - 100% LEL	1% LEL	A1: 5%LEL A2: 10%LEL	± 5% of reading or ± 2% LEL
Galvanic				
Oxygen (O2)	0 - 40% Vol.	0.1% Vol.	A1: 19.5 Vol. A2: 23.5 Vol.	± 0.5% O2
Electro Chemical				
Carbon Monoxide (CO)	0 - 500 ppm	1 ppm	A1: 30 ppm A2: 60 ppm TWA: 30 ppm STEL: 60 ppm	± 5% of reading or ± 5 ppm
Hydrogen Sulfide (H2S)	0 - 100 ppm	0.5 ppm	A1: 10 ppm A2: 15 ppm TWA: 10 ppm STEL: 15 ppm	± 5% of reading or ± 2 ppm
Toxics (EC Sensors)				
Ammonia (NH3)	0 - 400 ppm	5 ppm	A1: 25 ppm A2: 35 ppm	± 10% of reading or ± 5% of full scale
Chlorine (Cl2)	0 - 10 ppm	0.05 ppm	A1: 0.5 ppm A2: 1.0 ppm	
Hydrogen Cyanide (HCN)	0 - 15 ppm	0.1 ppm	A1: 5 ppm A2: 10 ppm	
Nitrogen Dioxide (NO2)	0 - 20 ppm	0.05 ppm	A1: 3 ppm A2: 5 ppm	
Sulfur Dioxide (SO2)	0 - 99.90 ppm		A1: 2 ppm A2: 5 ppm	
Phosphine (PH3)	0 - 5 ppm 0 - 20 ppm*	0.1 ppm	A1: 0.3 ppm A2: 1 ppm	
IR Sensors				
Carbon Dioxide (CO2)	0 - 10,000 ppm	25 ppm	A1: 5,000 ppm TWA: 5,000 ppm	± 5% of
	0 - 10% Vol.	0.2%	A1: 0.50% Vol A2: 3.00% Vol STEL: 3.00% Vol TWA: 0.50% Vol	
Methane (CH4)	0 - 100% LEL 0 - 100% Vol.	Vol. 1% LEL/ 0.5% Vol	A1: 5% LEL *	reading or ± 2% of full scale
Hydrocarbons (HC)	0 - 100% LEL 0 - 30% Vol.		A2: 10% LEL *	
PID Sensors				
600 VOC 10.6 Lamp	0 - 50,000 ppb	1 ppb: (< 5000 ppb) 10 ppb: (> 5,000 ppb)	A1: 5,000 ppb A2: 10,000 ppb	± 5% of full scale
	0 - 6,000 ppm	0.1 ppm: (< 600 ppm) 1 ppm: (> 600 ppm)	A1: 50 ppm A2: 100 ppm STEL: 100 ppm TWA: 50 ppm	
Benzene Specific	0.1 - 50 ppm	0.01 ppm (0 ~ 10 ppm) 0.1 ppm (10 ~ 50 ppm)	No alarms.	
300 VOC's 10.0 Lamp	0 - 100 ppm	0.01 ppm (0 ~ 10 ppm) 0.1 ppm (10 ~ 100 ppm)	A1: 5 ppm A2: 10 ppm	

*No alarms in %Vol. range.

Common Specifications		
Gas alarm	Man-down	Trouble
Low and high adjustable	1st - self reset 2nd - latching	Low flow Sensor connection Low battery Circuit error Calibration range
Alarm Types		
Sample Method	Sample draw pump, flow rate 0.45 LPM 15 meter sample range	
Display	Digital LCD, autbacklite, peak bar display, auto display rotation, and customize order of gases	
Audible Alarm	95 dB at 30cm	
Continuous Operation	24 hours on Lithium-ion battery pack. Complete recharge in 3 hours. 8 hours Alkaline battery pack (3 AA size in each pack)	
Operating Temp. & Humidity	-20°C to +50°C, 0- 95% RH non condensing	
Dimensions	70mm W x 201mm H x 54mm D 600g (with lithium battery pack)	
Case Material	Dust and water resistant with IP-67 approval (exclude sample hose and probe)	
Safety Design / Approvals	Explosion proof: IECEx , ATEX , TIIS , Explosion class :Ex ia IIC T4 Ga Others: CE Marking	
Standard Features	2 Smart sensors slots auto recognize sensor changes Library of over 600 VOC's User defined VOC list. Up to 30 frequently used Recent VOC list for last 8 selected gases Pump and circuit status indicators User & station ID selection menu Data logging (interval, alarm trend, station and user ID) Snap logging - on demand data logging Demand zero / Auto zero BUMP and CAL expiration alarm Flashlight IrDA communication LEL sensor protection mode	
Standard Accessories	<ul style="list-style-type: none"> Taper nozzle Hand strap LCD protect nozzle Belt clip Rubber boot Li-Ion battery unit (BUL-6000) 	
Optional Accessories	<ul style="list-style-type: none"> Alkaline battery pack & charger Filter set IrDA cable 	
Warranty	Two years material (including sensors) and workmanship. One year for PID sensor.	



**SDM-6000
Calibration Station
Available Now**

Standard accessories	BUL-6000 Charger (Li-ion battery unit)	Rubber Boot	Taper nozzle	LCD protect nozzle	Hand strap	Belt clip
Optional accessories	Gas sampling probe Gas sampling hose 0.75m/5m/10m/20m/30m	BUD-6000 (Alkaline battery unit), AA battery x 3	Data logger & PID list setting programs	SDM-6000		