



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 to 50°C
- High water & dust proof level IP67
- Various approvals ATEX / IECEx / CE
- Docking station SDM-6000
- New functions Full dot LCD / Multi language / Man down / Panic alarm / LCD inversion / LED Flashlight

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
(IR Galvanic cells are coming soon)

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: 10%LEL	± 5% of reading or ± 2% LEL
			A2: 50%LEL	
Galvanic				
Oxygen (O2)	0 - 40% Vol.	0.1% Vol.	A1: 19.5 Vol.	± 0.5% O2
			A2: 23.5 Vol.	
Electro Chemical				
Carbon Monoxide (CO)	0 - 500 ppm	1 ppm	A1: 25 ppm	± 5% of reading or ± 5 ppm
			A2: 50 ppm	
			TWA 25 ppm	
			STEL 200 ppm	
Hydrogen Sulfide (H2S)	0 - 100 ppm	0.5 ppm	A1: 5.0 ppm	± 5% of reading or ± 2 ppm
			A2: 30.0 ppm	
			TWA 1.0 ppm	
			STEL 5.0 ppm	
Toxics (EC Sensors)				
Ammonia (NH3)	0 - 400 ppm	5 ppm	A1: 25 ppm	± 10% of reading or ± 5% of full scale
			A2: 50 ppm	
Chlorine (Cl2)	0 - 10 ppm	0.1 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 - 9 ppm	0.05 ppm	A1: 3 ppm	
			A2: 6 ppm	
Sulfur Dioxide (SO2)	0 - 6 ppm		A1: 2 ppm	
			A2: 5 ppm	
IR Sensors				
Carbon Dioxide (CO2)	0 - 10,000 ppm 0 - 5% Vol.	25 ppm 0.2%	A1: 5,000 ppm	± 5% of reading or ± 2% of full scale
			TWA 5,000 ppm	
			STEL 10,000	
Methane (CH4)	Vol. 1% LEL/ 0.5% Vol	A1: 10% LEL		
Hydrocarbons		A2: 50% LEL		
PID Sensors				
VOC	0 - 50,000 ppb	1 ppb: (5000 ppb) 10 ppb: (5,000 ppb)	A1: 5,000 ppb	± 5% of full scale
			A2: 10,000 ppb	
	0 - 6,000 ppm	0.1 ppm: (600 ppm) 1 ppm: (600 ppm)	A1: 400 ppm	
			A2: 1,000 ppm	

Common Specifications			
	Gas alarm	Man-down	Trouble
Alarm Types	Low and high adjustable	1st - self reset 2nd - latching	Low flow Sensor connection Low battery Circuit error Calibration range
Sample Method	Sample draw pump, flow rate 0.45 LPM, 15 metre sample range		
Display	Digital LCD, autbacklite, peak bar display, auto display rotation, and customize order of gases		
Audible Alarm	95 dB at 30cm		
Languages	English, German, Japanese, Korean, Russian		
Continuous Operation *	14 hours on Lithium-ion battery pack. Complete recharge in 3 hours. 8 hours Alkaline battery pack (3 AA size within each pack).		
Operating Temp. & Humidity	-20°C to +50°C, 0- 95% RH non condensing		
Dimensions	70 W x 201 H x 54 D mm 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 , (CSA) pending 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 Datalogging (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"> Rubber boot Hand strap Belt clip Tapper nozzle 		
Optional Accessories	<ul style="list-style-type: none"> Lithium-ion battery pack & charger / alkaline battery charger Filter set IrDA cable 		
Warranty	Two years material (including sensors) and workmanship. One year for PID sensor		

Standard accessories	BUL-6000 Charger (Li-ion battery unit)	Rubber Boot	Taper nozzle	LCD protect nozzle	Hands trap	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		



**SDM-6000
Calibration Station
Available Now**