AUST GAS INSTRUMENTS

PORTABLE MULTI GAS DETECTOR

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 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

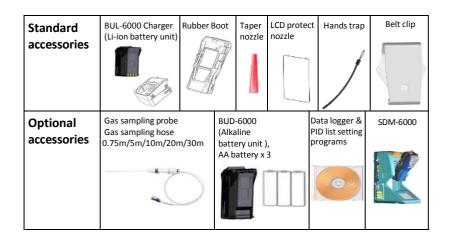


Smart Sensors for PID, Electro Chemical are newly released (IR Galvanic cells are coming soon)



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 A2: 50%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: 25 ppm A2: 50 ppm TWA 25 ppm STEL 200 ppm	± 5% of reading or ± 5 ppm		
Hydrogen Sulfide (H2S)	0 - 100 ppm	0.5 ppm	A1: 5.0 ppm A2: 30.0 ppm TWA 1.0 ppm STEL 5.0 ppm	± 5% of reading or ± 2 ppm		
Toxics (EC Senso	ors)					
Ammonia (NH3)	0 - 400 ppm	5 ppm	A1: 25 ppm A2: 50 ppm			
Chlorine (Cl2)	0 - 10 ppm	0.1 ppm	A1: 0.5 ppm A2: 1.0 ppm	± 10% of		
Hydrogen Cyanide (HCN)	0 - 15 ppm	0.1 ppm	A1: 5 ppm A2: 10 ppm	reading or ± 5% of full scale		
Nitrogen Dioxide (NO2)	0 - 9 ppm	0.05 ppm	A1: 3 ppm A2: 6 ppm			
Sulfur Dioxide (SO2)	0 - 6 ppm	олос ррии	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 TWA 5,000 ppm STEL 10,000	± 5% of reading or ± 2% of full scale		
Methane (CH4)	0 - 100% LEL 0 - 100% Vol.	Vol. 1% LEL/	A1: 10% LEL			
Hydrocarbons	0 - 100% LEL 0 - 30% Vol.	0.5% Vol	A2: 50% LEL			
PID Sensors						
VOC	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)	A1: 400 ppm			
		1 ppm: (> 600 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, autobacklite, 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	• Rubber boot • Hand strap	Belt clip Tapper nozzle				
Optional Accessories	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					







SDM-6000 Calibration Station Available Now