

BENZENE SPECIFIC GAS DETECTOR

Features

Benzene specific measurement

0.01 - 50 ppm with 10.0 eV PID lamp and pre-filter tube

Benzene Select Mode takes timed samples using pre-filter tube

Benzene Filter Tube Holder:

Break away design prevents accidental damage

Safe & convenient glass breaker built-in

Long break through times for Benzene filter tubes

10.0 eV Selective PID sensor:

0 - 100 ppm VOC range (Normal Operating Mode)

Library of over 300 VOC's including BTEX

Humidity resistant

Easily switch VOC target gas:

Favorite list of 30 VOC's

Recently used list of 8 VOC's

Available with both 10.0 & 10.6 PID sensors

Monitor up to 6 gases

2 smart sensor slots auto recognize PID, IR, and

super toxic sensors

Internal sample pump

Dust & Water resistant IP-67 design

Interchangeable battery packs Li-ion/alkaline

Operates up to 14 hours on Li-ion battery pack,

fully recharges in 3 hours.

Applications

Petroleum / Oil Refining

Coke & Coal Manufacturing

Chemical Manufacturing

Fuel Storage & Tank Farms

Rubber & Tire Manufacturing

Hazmat Response Teams

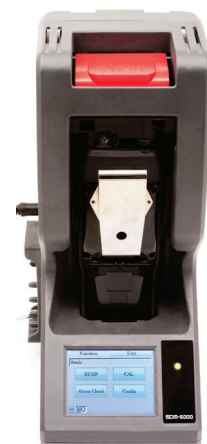
Operating Modes

The GX-6000 is a game changer and it just changed the game again with the **Benzene Specific measuring mode**. With the addition of the selective 10.0 eV PID sensor, the GX-6000 can now detect the BTEX family of VOC's including benzene, toluene, ethylbenzene, and xylene with a range of 0 - 100 ppm and a library of over 300 VOC's. By using the PID pre-filter tubes and the filter tube holder, the GX-6000 can specifically monitor for benzene at a range of 0.01 - 50 ppm by filtering out all other VOC's. The filter tube holder has a unique break away design to avoid accidental damage if impacted or dropped. The filter tube holder also includes a safe and convenient glass breaker for the filter tube tips.

The GX-6000 has two PID sensors available, a 10.6 eV and a 10.0 eV, to use in either of its two smart sensor slots. The GX-6000 is the only PID instrument on the market with the ability to have two PID sensors functioning in one instrument. Use the broad range 10.6 eV PID sensor for preliminary investigation, then switch to benzene mode for a highly specific measurement. Selecting among the hundreds of VOC target gases is simple. Use the GX-6000's user defined list to create a custom list of up to 30 commonly used target gases, or simply use the recently used list, which holds the 8 most recent target VOC's in its memory. Equipped with a strong internal sample pump, a man-down alarm, a panic alarm, an LED flashlight, and large auto rotating LCD display. This GX-6000 model comes with a library of over 600 VOC gases to choose from the 10.6 eV sensor.



SDM-6000
Calibration Station



Gases & Detectable Ranges					Common Specifications			
Gas	Measuring Range	Reading Increment	Alarm Set Points	Accuracy (whichever is greater)	Alarm Types	Gas alarm	Man-down	Trouble
PID Sensors <i>Smart Sensors</i>						± 5% of full scale	Low and high adjustable	1st - self reset 2nd - latching
10.0 Lamp	Benzene Specific	0.1 - 50 ppm	0.01 ppm (0 ~ 10 ppm) 0.1 ppm (10 ~ 50 ppm)	No Alarms				
	300 VOC's	0 - 100 ppm	0.01 ppm (0 ~ 10 ppm) 0.1 ppm (10 ~ 100 ppm)	A1: 5 ppm A2: 10 ppm				
10.6 Lamp	600 VOC's	0 - 50,000 ppb	1 ppb: (< 5000 ppb) 10 ppb: (> 5,000 ppb)	A1: 5,000 ppb A2: 10,000 ppb				
		0 - 6,000 ppm	0.1 ppm: (< 600 ppm) 1 ppm: (> 600 ppm)	A1: 400 ppm A2: 1,000 ppm				
Toxics (EC Sensors) <i>Smart Sensors</i>					± 10% of reading or ± 5% of full scale		Sample draw pump, flow rate 0.45 LPM, 50 foot sample range	Digital LCD, autobacklight, peak bar display, auto display rotation, and customize order of gases
Ammonia (NH3)	0 - 400.0 ppm	0.5 ppm	A1: 25 ppm A2: 50 ppm					
Chlorine (Cl2)	0 - 10.00 ppm	0.05 ppm	A1: 0.5 ppm A2: 1.0 ppm					
Hydrogen Cyanide (HCN)	0 - 15.0 ppm	0.1 ppm	A1: 5 ppm A2: 10 ppm					
Nitrogen Dioxide (NO2)	0 - 20.00 ppm	0.05 ppm	A1: 3 ppm A2: 6 ppm					
Sulfur Dioxide (SO2)	0 - 99.90 ppm		A1: 2 ppm A2: 5 ppm					
IR Sensors <i>Smart Sensors</i>					± 5% of reading or ± 2% of full scale	2.6" W x 7.8" H x 2" D (H200 x W68 x D52 mm) 14 ounce (400g) (with lithium battery pack)	English, Spanish, French, German, Italian, Japanese, Korean, Portuguese, Russian	14 hours on Lithium-ion battery pack. Complete recharge in 3 hours. 8 hours Alkaline battery pack (3 AA size within each pack)
Carbon Dioxide (CO2)	0 - 10,000 ppm	20 ppm	A1: 5,000 ppm TWA 5,000 ppm					
	0 - 10.00% Vol.	0.02%	A1: 0.50% Vol A2: 3.00% Vol STEL 3.00% Vol STEL 3.00% Vol					
Methane (CH4)	0 - 100% LEL 0 - 100% Vol.	Vol. 1% LEL/ 0.5% Vol	A1: 10% LEL A2: 50% LEL					
Hydrocarbons	0 - 100% LEL 0 - 30% Vol.							
Catalytic								
Hydrocarbons (CH4, std)	0 - 100% LEL	1% LEL	A1: 10%LEL A2: 50%LEL					
Galvanic					± 0.5% O2	Safety Design / Approvals	Standard Features	
Oxygen (O2)	0 - 40.0% Vol.	0.1% Vol.	A1: 19.5 Vol. A2: 23.5 Vol.					
Electro Chemical					± 5% of reading or ± 5 ppm	Explosion proof: IECEx , ATEX , TIIS , cCSAus Explosion class :Ex ia IIC T4 Ga Others: CE Marking	Standard Accessories	
Carbon Monoxide (CO)	0 - 500 ppm	1 ppm	A1: 25 ppm					
			A2: 50 ppm					
			TWA 25 ppm STEL 200 ppm					
Hydrogen Sulfide (H2S)	0 - 100.0 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	Optional Accessories	<ul style="list-style-type: none"> • Rubber boot • Hand strap • Probe with hydrophobic & dust filter 3' teflon lined hose • Benzene pre-filter tubes and holder (benzene versions) 	
					± 5% of reading or ± 2 ppm	Warranty	<ul style="list-style-type: none"> • SDM-6000 calibration station • Bundles with instrument carrying case and accessories • Flexible probes • Up to 40 foot sample hoses • Filter set • IrDA cable 	
					± 5% of reading or ± 2 ppm		Two years material (including sensors) and workmanship. One year for PID sensor	

*Specifications subject to change without notice