



6 Gas With PID IR & Super Toxics

6 Operating modes

Smallest 6 gas sample draw

2 Interchangeable smart sensor slots

4 PID options: 10.6, 10.0 & 11.7 eV lamps

PID library of over 600 VOC's

Benzene specific version

GX-6000





CONFINED SPACE ENTRY

- Monitor LEL, O₂, CO, and H₂S
- Internal sample pump
 - ◊ *Pull samples up to 40'*
 - ◊ *Maintain steady sample flow to sensors*
- Audible, visual and vibration alarms
 - ◊ *3 Ways to communicate with workers*
- Ideal for refinery applications
- Man down alarm
- Panic alarm
- Optional sensors for toxic gases and VOCs



VOC MONITORING

- Four PID sensors are available
 - ◊ 10.0 eV
 - ◊ 10.6 eV (low or high range)
 - ◊ 11.7 eV.
- PID library of over 600 VOCs (10.6 eV lamp)
- Any combination of two PID sensors can be installed.
- Easily switch target VOC from user or recent used list
- Benzene-specific version is available
- Pre filter tube for detecting low levels of benzene.



LEAK INVESTIGATION

- Provides ppm detection of combustible gas
- Leak check with changing blink / pulsing rate
 - ◊ *LED's and alarm tones increase in frequency as gas concentration increases*
- Leak check mode displays both CO & combustible levels
- Audible alarm silence
 - ◊ *Perform leak investigations without alarming residents*
- Barhole mode for tracking leak migration



FIRE INDUSTRY

- Monitor low ppm levels of dangerous gases like ammonia, hydrogen sulfide, and carbon monoxide commonly found in methamphetamine labs
- Simultaneously monitor typical confined space hazards like LEL combustibles, oxygen deficiency, carbon monoxide and hydrogen sulfide
- Find trace levels of flammables in arson investigation
- Detect carbon monoxide leaks, air quality, or strange odors confidently
- Man down alarm

GX-6000

Monitor up to 6 gases:

LEL, O₂, H₂S, CO

2 interchangeable "Smart Sensor" slots

- PID for VOC's
- IR for CH₄, HC, & CO₂
- EC for NH₃, Cl₂, HCN, NO₂ & SO₂

6 Operating modes

- Normal
- Leak Check
- Inert
- Bar Hole
- Snap Log
- Benzene Specific Mode

PID Library of more than 600 VOC's

- 4 PID options: 10.6 eV (2 ranges), 10.0 eV, and 11.7 eV lamps
- 40,000 ppb / 4,000 ppm ranges
- Easily choose a target VOC
 - User defined VOC list of 30
 - Recently used VOC list of last 8

Glove friendly buttons glow-in-the-dark

Interchangeable battery options

- Lithium-ion pack operates 14 hours
 - Complete recharge in 3 hours
- Alkaline pack operates 8 hours

9 Languages

- English, Spanish, French, German, Italian, Japanese, Korean, Portuguese, Russian



Alarms

- 2 Adjustable gas alarms per channel
- Man down alarm
- Panic alarm
- 4 Alarm LED's
- Audible and vibration alarms
- Trouble alarms for low flow, sensor connection, low battery, circuit error and calibration

LED Flashlight

- On demand light source

LCD Display

- Auto flip display
- Peak bar graphs
- Adjustable auto backlight
- Customize order of gases
- Single gas view with large font and auto sequence

LEL protection mode

- Shields LEL sensor from damaging high hydrocarbon exposure

Intrinsically Safe

- IECEx
- ATEX
- cCSA_{US}

Weather & dust resistant

- IP-67

Specifications


| Gases & Detectable Ranges | | | | | |
|---------------------------|--------------------------------|----------------------|---|--|--|
| Gas | Measuring Range | Minimum Display | Alarm Set Points | | |
| Catalytic | | | | | |
| Hydrocarbons (CH4, std) | 0 - 100% LEL | 1% LEL | A1: 10% LEL | | |
| | | | A2: 50% LEL | | |
| Galvanic | | | | | |
| Oxygen (O2) | 0 - 40% Vol. | 0.1% Vol. | A1: 19.5 Vol. | | |
| | | | A2: 23.5 Vol. | | |
| Electro Chemical | | | | | |
| 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 ppm | 0.5 ppm | A1: 5.0 ppm | | |
| | | | A2: 30.0 ppm | | |
| | | | TWA 1.0 ppm | | |
| | | | STEL 5.0 ppm | | |
| PID Sensors | | | | | |
| 10.6 Lamp | 600 VOC's | 0 - 40,000 ppb | 1 ppb: (< 5000 ppb) 10 ppb: (> 5,000 ppb) | A1: 5,000 ppb | |
| | | 0 - 4,000 ppm | 0.1 ppm: (< 600 ppm) 1 ppm: (> 600 ppm) | A2: 10,000 ppb A1: 400 ppm A2: 1,000 ppm | |
| 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 | |
| 11.7 | High Voltage Lamp | 0 - 1,000 ppm | 0.1 ppm | A1: 5 ppm A2: 10 ppm | |
| IR Sensors | | | | | |
| Carbon Dioxide (CO2) | 0 - 10,000 ppm | 20 ppm | A1: 5,000 ppm | | |
| | 0 - 10% Vol. | 0.2% | A2: N/A | | |
| Methane (CH4) | 0 - 100% LEL/ 0 - 100% Vol. | 1% LEL/ 0.5% Vol. | A1: 10% LEL N/A | | |
| Hydrocarbons | 0 - 100% LEL/ 0 - 30% Vol. | | A2: 50% LEL N/A | | |
| Toxics (EC Sensors) | | | | | |
| Ammonia (NH3) | 0 - 400 ppm | 0.5 ppm | A1: 25 ppm | | |
| Chlorine (Cl2) | 0 - 10 ppm | 0.05 ppm | A2: 50 ppm | | |
| | | | A1: 0.5 ppm | | |
| Hydrogen Cyanide (HCN) | 0 - 15 ppm | 0.1 ppm | A2: 1.0 ppm | | |
| | | | A1: 5 ppm | | |
| Nitrogen Dioxide (NO2) | 0 - 20.0 ppm | 0.05 ppm | A2: 10 ppm | | |
| | | | A1: 3 ppm | | |
| Sulfur Dioxide (SO2) | 0 - 99.9 ppm | 0.05 ppm | A2: 6 ppm | | |
| | | | A1: 2 ppm | | |
| | | | A2: 5 ppm | | |


| Common Specifications | | | |
|----------------------------|--|------------------------------------|--|
| Alarm Types | Gas alarm | Man-down | Trouble |
| | 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, 40 foot hose length. Consult factory for longer lengths. | | |
| Display | Digital LCD, autobacklite, peak bar display, auto display rotation, and customize order of gases | | |
| Audible Alarm | 95 dB at 1 foot | | |
| Languages | English, Spanish, French, German, Italian Japanese, Korean, Portuguese, Russian | | |
| Continuous Operation | 14 hours on Lithium-ion battery pack. Complete recharge in 3 hrs. 8 hours Alkaline battery pack (3 AA size within each pack) | | |
| Operating Temp. & Humidity | -4°F to 122°F (-20°C ~ +50°C), 0 - 95% RH non condensing | | |
| Dimensions | 2.6" W x 7.8" H x 2" D (H200 x W68 x D52 mm) 14 ounce (400g) (with lithium ion 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 , cCSAus Explosion class :Class 1, Div. 1, Groups A, B, C, D. Ex ia IIC T4 Ga Others: CE Marking | | |
| Standard Features | 2 Smart sensor 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 Belt clip Hand strap Tapered nozzle Probe with hydrophobic & dust filter 3' teflon lined hose Benzene pre-filter tubes and holder (benzene versions) | | |
| Optional Accessories | <ul style="list-style-type: none"> SDM-6000 calibration station Bundles with instrument carrying case and accessories Flexible probes Up to 50 foot sample hoses Filter set IrDA cable | | |
| Warranty | Two years material (including sensors) and workmanship. One year for PID sensors (two months for 11.7 eV PID) | | |


Specifications subject to change without notice

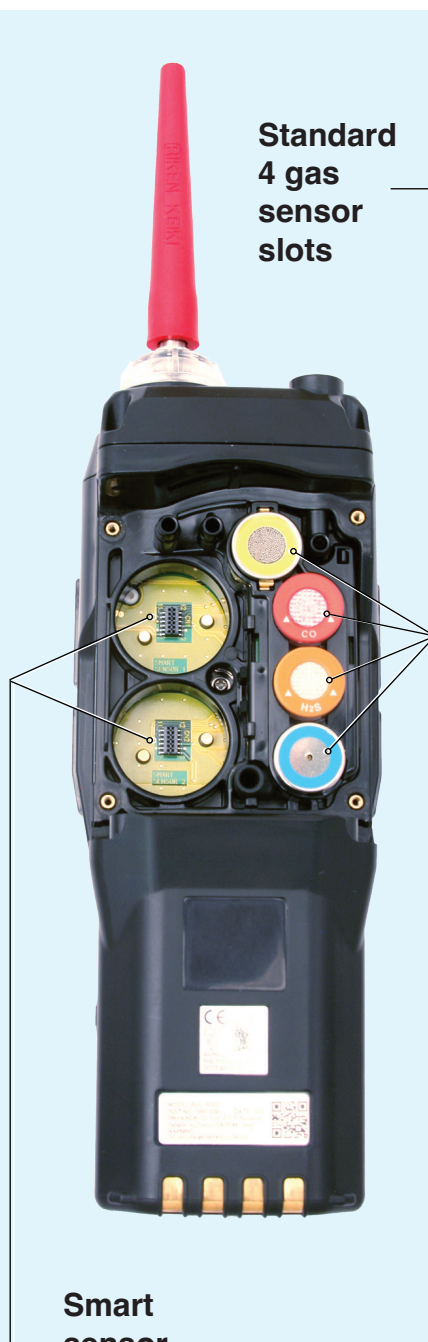
Sensor Technologies

Smart Sensors

| Electrochemical (ESS-03DH-XXX)  Toxics | | |
|---|--------------|---|
| Gas | Range | Accuracy |
| Ammonia (NH ₃) | 0 - 400 ppm | ± 10% of reading or ± 5% of full scale (†) |
| Chlorine (Cl ₂) | 0 - 10 ppm | |
| Hydrogen Cyanide (HCN) | 0 - 15 ppm | |
| Nitrogen Dioxide (NO ₂) | 0 - 20.0 ppm | |
| Sulfur Dioxide (SO ₂) | 0 - 99.9 ppm | |
| Monitor a wide variety of toxic gases. Smart plug and play sensors are auto recognized and can be remotely calibrated. | | |

| Photo ionization Detection (PID Lamp)  VOC's | | |
|---|----------------|--------------------------------|
| Gas | Range | Accuracy |
| 10.6 eV 600 VOC's | 0 - 40,000 ppb | ± 10% of reading, ± 1 digit |
| | 0 - 4,000 ppm | |
| 10.0 eV Benzene Specific | 0.1 - 50 ppm | |
| 300 VOC's | 0 - 100 ppm | |
| 11.7 eV High Voltage Lamp | 0 - 1,000 ppm | |
| Monitor low ppm VOC gases. | | |

| Infrared (DES-3311-1/-2/-3/-4) | |  CO₂ CH₄ HC | |
|---|------------|--|--|
| Gas | P/N | Range | Accuracy |
| Carbon Dioxide (CO ₂) | -4 | 0 - 10,000 ppm | ± 5% of reading or ± 2% of full scale (†) |
| | -1 | 0 - 10 % Vol. | |
| Methane (CH ₄) | -3 | 0 - 100% LEL 0 - 100% Vol. | |
| Hydrocarbons | -2 | 0 - 100% LEL 0 - 30% Vol. | |
| Monitor combustible gases in inert environments. Monitor wide range of CO ₂ . | | | |





Standard
4 gas
sensor
slots



Smart
sensor
slots

Note: (†) = Whichever is greater

Standard 4 Gas

| Catalytic (NC-6264A) | |  | | LEL |
|---|--------------|---|---|-----|
| Gas | Range | | Accuracy | |
| Hydrocarbons (CH ₄) standard | 0 - 100% LEL | | ± 5% of reading or ± 2% of full scale (†) | |
| | Leak Check | 0 - 500 / 1,000 / 2,000 / 5,000 ppm (CH ₄) | ± 5% of reading or ± 2% LEL (LEL mode only) (†) | |
| Methane is the standard configuration. Other combustible gases available. | | | | |

| Galvanic (OS-BM2)  O₂ | | |
|--|--------------|-----------------------|
| Gas | Range | Accuracy |
| Oxygen (O ₂) | 0 - 40% Vol. | ± 0.5% O ₂ |
| A specific electrochemical sensor for oxygen monitoring. | | |

| Standard Electrochemical | | |
|--|-------------|--|
| ES-1821 | | ES-1827i |
|  CO | |  H ₂ S |
| Gas | Range | Accuracy |
| Carbon Monoxide (CO) | 0 - 500 ppm | ± 5% of reading ± 2 ppm (†) |
| Hydrogen Sulfide (H ₂ S) | 0 - 100 ppm | |
| Extra long-life CO and H ₂ S sensors. | | |

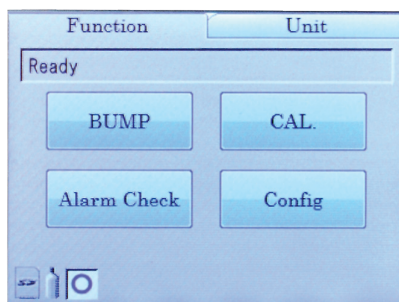
Calibration Station

SDM-6000



Modular design — one power source for all stations

Connect up to 6 cylinders with the SV-3 solenoid valve



- Stand-alone station (no PC Required)
- Charge, calibrate, bump test, and alarm test
- Included software collects calibration, bump test, alarm history, and exposure date from instruments
- Automatically power instruments on / off for scheduled calibration
- Configure GX-6000 parameters

Optional Accessories



Bundles with instrument, carrying case, & accessories

Benzene tube tube holder



Hose length up to 40'



Flexible probe



Authorized Distributor:



(800) 754-5165 • (510) 441-5656
www.gx6000.com

World Leader In Gas Detection & Sensor Technology