

Multi-Gas Detectors



Features:

- Simultaneous monitoring of up to four gases
- Continuous LCD shows simultaneous gas concentrations for H₂S, CO, O₂, and combustibles
- Standard datalogger (16 hours) and event logger (10 events)
- Four alarm levels: Instant Low and High alarm for all gases; TWA (time weighted average) and STEL (Short term exposure limit) for H₂S, CO, OL (over limit alarm)
- Backlight: in alarm (auto) and on demand reactivation
- Provides 95 dB alarm tone (typical) and bright wide-angled alarm bars
- Equipped with internal vibrating alarm for high noise areas
- Fully compatible with MicroDock II automatic test and calibration system
- Records TWA, STEL and maximum exposures to gas and displays readings on command
- Simple-one-button automatic calibration procedure
- Full-function self-test of audible/visual/vibration alarms, plus integrity of sensor, battery and circuitry
- Powered by a lithium polymer battery (run time typically 12 hours; recharges in less than 3 hours)
- Integral concussion-proof boot
- Durable stainless steel alligator belt clip
- User selectable options include: confidence beep, latching alarm, calibration due date, bump due date, "Safe" display function, multi-language, span concentration values, combustible sensor measurement selection (0-100% LEL or 5-5.0% v/v methane)
- Delivered ready for use with sensors, lithium polymer battery, stainless steel alligator belt clip, calibration hose/cap and instructions

- Confined Space kit includes detector, standard accessories plus an IR connectivity kit, hard-sided carrying case, sampling equipment and calibration gas cylinders with regulators

Specifications:

Gas Monitored:	H ₂ S	CO
Range:	0 to 100 ppm	0 to 300 ppm
Low Alarm Level:	10 ppm	35 ppm
High Alarm Level:	15 ppm	200 ppm
Operating Temp.:	-40 to 122°F (-40 to 50°C)	-22 to 122°F (-30 to 50°C)

ALARMS

Visual Alarm:	Flashing wide angled alarm lens w/ red quad-LEDs, plus flashing alarm icon
Audible Alarm:	Pulsing, high output siren of 95dB at 1 ft.
Vibrator Alarm:	Internal
Other Alarms:	Failure, self-test pass and end-of-line

DISPLAY

Status:	Continuously displayed
Life Remaining:	Continuously displayed in months, then days, then hours
Two Alarm Levels:	Low & High alarm
Peak Alarm Exposure:	Records and displays peak alarm exposure, and time elapsed (up to 24 hrs.)
Alarm Setpoints:	High and low displayed on demand in ppm
Self-test Status:	Advises to "Test" and that self-test was passed

GENERAL

Event Logging:	Records and transmits up to 10 gas alarm events
Event Information:	Gas type, peak exposure level (ppm or %); alarm duration in minutes & seconds; time elapsed since alarm occurred in days, hours and minutes; life remaining; serial number; self-test; cumulative alarm time
Transmissions Method:	Via infrared port or infrared printer or to an IR DataLink
Sensor:	Electrochemical cell (temperature compensated)
Power Supply:	Lithium battery, non-replaceable
Dimensions:	1.1 x 2.0 x 3.2" (28 x 50 x 81mm)
Weight:	2.7 oz (76 g)

Model	Description	Price
MC-XWHM-Y-NA-00	4-Gas Detector, H ₂ S/CO/O ₂ /LEL	\$595
MC-XWH0-Y-NA-00	3-Gas Detector, H ₂ S/O ₂ /LEL	\$515
MC-XW0M-Y-NA-00	3-Gas Detector, CO/O ₂ /LEL	\$515
MC-XW00-Y-NA-00	2-Gas Detector, O ₂ /LEL	\$435
MC-00HM-Y-NA-00	2-Gas Detector, H ₂ S/CO	\$435
GA-USB1-IR	IR Connectivity Kit	\$80
DOCK2-0-1C1L-00-N	MicroDock II Charging Module	\$770
GA-SPAK	Motorized Sampling Pump	\$395
MC-AS01	Aspirator Sampling Kit	\$90

Multi-Gas Detectors



Features:

- Monitors 2, 3 or 4 hazardous gases simultaneously and continuously, combustibles, oxygen (deficiency/enrichment), hydrogen sulfide and carbon monoxide
- Combustible gas selection: 0 to 100% LEL or 0 to 5.0% methane
- Large high contrast LCD shows real-time gas concentrations
- Records and displays exposures on command: TWA (time-weighted average), STEL (short-term exposure levels), and maximum gas exposures
- Four levels of alarm: instant Low, instant High, TWA and STEL
- Triple alarm system: dual visual alarm bars; high-output 95 dB audible alarm; internal vibrator alarm for high noise areas
- Single pushbutton operation
- Replaceable plug-in sensors
- Automatic sensor calibration
- Auto zero the sensors at any time without calibration gas
- Backlight in low light (auto); in alarm (auto) and on demand
- Automatic full-function self-test of sensor, battery, circuitry integrity and audible/visual alarms on activation
- Powered by disposable alkaline batteries or rechargeable NiMH batteries
- Unobtrusive and convenient battery replacement
- Low battery warning provides a 30 minute alert
- User field options: confidence beep, pass code protection, safe display mode, latched gas alarms and combustibles selection
- Classified intrinsically safe by UL to US and Canadian standards
- Datalogging models include 32 MB flash MMC data storage card
- Water and dust resistant, designed to withstand a 6 ft (2m) drop
- Delivered ready for use with sensors, two AA alkaline batteries, stainless steel alligator belt clip, calibration cap with hose and instructions
- User downloadable datalogger option includes 32 MB MMC flash memory card and software

Specifications:

- Measuring Range: H₂S: 0 to 100 ppm; CO: 0 to 500 ppm; O₂: 0 to 25% by vol.; Combustibles: 0 to 100% LEL or 0 to 5.0% methane
- Sensor: Plug-in electrochemical cells (H₂S/CO Twin Tox, O₂); catalytic bead (LEL)
- Alarms: Visual: two flashing alarm bars, plus gas and alarm level LCD readout; Audible: High output, variable pulsed dual beepers, 95 dB at 1 ft. (0.3m); Instant Low and instant High alarms for all gases; TWA and STEL alarms for toxic gases (H₂S and CO); Low battery and sensor missing alarms; vibrator pulses in all alarm conditions and status alarms
- Tests: Automatic full function self-test on activation; continuous battery test (auto)
- Display: Continuously displays gas concentration present; Records STEL and TWA exposures and displays readings on demand; Records peak exposure and displays on demand; displays setpoints on activation
- Calibration: Automatic with auto zero
- Housing: Composite material with concussion-proof boot
- EMI/RFI: Complies with EMC directive 89/336/EEC
- Power Supply: Two "AA" alkaline batteries or NiMH rechargeable batteries
- Battery Life: 16 to 18 hours on alkaline batteries; 14 to 16 hours on NiMH rechargeable batteries
- Dimensions: 2.4 x 4.0 x 1.3" (60 x 100 x 33mm)
- Weight: 7.4 oz (211g)
- ### DATALOGGER OPTIONS
- Sampling Rate: Field settable sampling intervals from 1 to 127 seconds (factory set at 5 seconds)
- Storage Capacity: 500,000 records (4.4 months at sample rate of 5 seconds and 32 MB MMC)
- Memory Type: Wraparound memory ensures most recent data is saved

Model	Description	Price
GAMIC-4	4-Gas Detector, H ₂ S, CO, O ₂ , LEL	\$995
GAMIC-3H	3-Gas Detector, H ₂ S, O ₂ , LEL	\$895
GAMIC-3M	3-Gas Detector, CO, O ₂ , LEL	\$895
GAMIC-3S	3-Gas Detector, SO ₂ , O ₂ , LEL	\$995
GAMIC-2	2-Gas Detector, O ₂ , LEL	\$795
GAMIC-2HW	2-Gas Detector, H ₂ S, LEL	\$870
GAMIC-C01-K	Four NiMH Rechargeable Batteries w/ 4-port charger kit	\$60
D4-AS01	Aspirator Pump w/ 10 ft. (3m) hose	\$109
GA-SPAK	Motorized Sampling Pump Kit	\$395
GAMIC-MMC	64 MB Multi Media Card	\$35
CR-MMC-USB1	MMC Reader (USB port)	\$85
CK-Q58-4	4-Gas Calibration Kit w/ 58L cylinder	\$590
CG-BUMP1	Alarm Test Gas, 11L	\$75

Features:

- Monitor up to four gas hazards (H₂S, CO, O₂, and combustible gases)
- Continuous LCD shows real-time gas concentrations
- Integrated sampling pump with reliable diaphragm technology
- Pump draw sample from up to 66 ft (20m)
- Best in class block detection with semi-conductor pressure sensor minimizes pump blockage and improves remote sampling result accuracy
- Simple automatic calibration procedure; compatible with MicroDock II automatic test and calibration station
- Alarm setpoints for all sensors are user adjustable
- Full function self-test of sensor, battery status, circuit integrity and audible/visual alarms on start-up
- Visual, vibrating and audible (95dB) alarms for low, high, STEL, TWA, OL, low battery and pump
- Bright, wide-angled visual alarm bars
- Built-in concussion-proof boot
- IP66/67 water-resistant
- Equipped with standard datalogging and event logging
- CSA approved intrinsically safe for Class I, Div. 1, Gr. A, B, C & D; and ATEX ia IIC T4
- XT detector includes sensors (user specified), concussion-proof housing and stainless steel alligator clip, rechargeable lithium polymer battery, charging adapter, 3 ft (1m) calibration hose with quick connect, 10 ft (3m) sampling hose with particulate filter and quick connect, reversible screwdriver, spare pump filters (kit of 5), instructions and quick reference card
- Deluxe Confined Space Kit includes concussion-proof boot with alligator clip, carrying holster for detector and sampling hose, 1 ft (0.3m) sampling probe with 10 ft (3.3m) hose and quick connect, 3 ft (1m) calibration hose with quick connect, IR connectivity kit with Fleet Manager II software, 0.5 LPM regulator, location for 34L calibration gas cylinder and detector



Gas Sensor Options:

Gas Detected	Resolution	Range
Oxygen (O ₂)	0.1%	0 to 30.0% vol.
Carbon Monoxide (CO)	1 ppm	0 to 1000 ppm
Hydrogen Sulfide (H ₂ S)	1 ppm	0 to 200 ppm
Combustible Gases	1%, 0.1% v/v	0 to 100% LEL, 0 to 5.0% v/v

Model	Description	Price
XT-XWHM-Y-NA	4-Gas Detector (H ₂ S, O ₂ , CO, %LEL)	\$875
XT-XWH0-Y-NA	3-Gas Detector (H ₂ S, O ₂ , %LEL)	\$825
XT-XW0M-Y-NA	3-Gas Detector (O ₂ , CO, %LEL)	\$825
XT-0WHM-Y-NA	3-Gas Detector (H ₂ S, CO, %LEL)	\$825
XT-XW00-Y-NA	2-Gas Detector (O ₂ , %LEL)	\$775
XT-0W0M-Y-NA	2-Gas Detector (CO, %LEL)	\$775
XT-0W00-Y-NA	1-Gas Detector (%LEL)	\$725
XT-CK-DL	Deluxe Confined Space Kit	\$495
GA-HXT	Carrying Holster for Detector & Hose	\$25
GA-VPA-1	12-24VDC Vehicle Power Adapter	\$35
GA-USB1-IR	IR Connectivity Kit	\$80

Gas Detectors

Features:

- Field-proven Surecell sensors offer an unprecedented performance in even the harshest environments
- Enhanced resistance to common industrial cross sensitive gases such as methanol and ethanol
- Easy-to-read LCD displays all four real-time gas concentrations simultaneously
- Audible, visual and vibrating alarms
- Bright wide-angled visual alarm bars
- Alarm setpoints for all sensors are user adjustable
- IntelliFlash provides continuous visual confirmation of detector operation and compliance
- Graphic LCD displays easy to identify icons that indicate operational information, such as bump test and calibration status for simplified onsite monitoring
- Full function self-test is initiated upon activation and runs continuously during operation
- One-button operational simplicity
- Interchangeable power options with extended battery runtimes
- Extensive datalogging and event logging capability
- User options: flip display and accessibility through infrared interface for tamper-proof operation
- Built-in concussion-proof boot
- Compatible with MicroDock II automated test and calibration system
- Standard package includes gas detector, alkaline battery pack, calibration cap and tubing, reversible screwdriver and manual

Specifications:

GAS	RANGE	RESOLUTION
Hydrogen Sulfide (H ₂ S)	0 to 200 ppm	0.1 ppm
Carbon Monoxide (CO)	0 to 1000 ppm	1 ppm
Oxygen (O ₂)	0 to 30.0%	0.1%
Combustible Gases (%LEL)	0 to 100% LEL 0 to 5.0% v/v	1% 0.1%

Alarms: Visual (6 red LEDs), audible (95dB), vibrating
Low, High, STEL, TWA, OL

Tests: Sensor integrity, circuitry, battery & audible/
visual alarms upon activation, battery (continuous), sensor (continuous)

Power Supply: 3 x AA alkaline batteries

Battery Life: 14 hrs.

Ratings: IP66/IP67

Certifications: IS Class I, Div. 1, Gr. A, B, C, D; ATEX & IEC
Ga Ex ia IIC T4

Dimensions: 5.1 x 3.2 x 1.9" (130 x 81 x 4mm)

Weight: 11.9 (338g)



Model	Description	Price
QT-XWHM-A-Y-NA	4-Gas Detector, %LEL, O ₂ , H ₂ S, CO	\$695
QT-X000-A-Y-NA	1-Gas Detector, O ₂	\$545
QT-0W00-A-Y-NA	1-Gas Detector, %LEL	\$545
QT-00H0-A-Y-NA	1-Gas Detector, H ₂ S	\$545
QT-000M-A-Y-NA	1-Gas Detector, CO	\$545
QT-BAT-R01	Rechargeable Battery Pack, Yellow	\$95
GA-USB1-IR	IR Connectivity Kit	\$80
G-SPAK	Motorized Sampling Pump Kit	\$395