



GasAlertMicro5 Series

multi-gas detectors



Protect yourself

Simultaneously monitor and display up to five atmospheric hazards with the GasAlertMicro 5 Series. Adaptable to a variety of applications, the GasAlertMicro 5 Series has an extensive selection of user-settable field options and is available as either a standard toxic gas model, a PID model for the detection VOCs, or an IR model for CO₂ detection. Use the passcode function to prevent unauthorized modifications of the instrument's settings. Compatible with BW's MicroDock II automatic test and calibration system, the GasAlertMicro 5 Series is unparalleled in its versatility, performance and overall value.



NEW

Generation 2 pump
with visible integrated filter

VOCs

CO₂

LEL

H₂S

CO

O₂

SO₂

PH₃

NH₃

NO₂

HCN

Cl₂

ClO₂

O₃

**WATER
RESISTANT**



BW
Technologies
by Honeywell

Wear yellow. Work safe.

Shop for Gas products online at: www.CanarySense.com

1.888.610.7664

Sensor for fifth toxic, PID,
or CO₂ hazards

Four bright, wide-angled
alarm bars

Integral concussion-proof
enclosure

95 dB audible alarm
(typical)

Raised buttons, easy to
use with gloves

Large, easy-to-read
display

Optional datalogging
stores several months of
continuous data

Quickly switch from
diffusion to integral
pump option

NEW

Replaceable integrated filter
• window enables user to
visually inspect filter
• provides superior dust
and water resistance

Multiple charging
options available

Internal vibrating alarm for
high-noise areas

Stainless steel
alligator clip

AA alkaline or hot-swappable
rechargeable battery pack
options allow for battery
installation in the field

Instrument model differences

	GasAlertMicro 5	GasAlertMicro 5 PID	GasAlertMicro 5 IR
Gases Detected	H ₂ S, CO, O ₂ , SO ₂ , PH ₃ , NH ₃ , NO ₂ , HCN, Cl ₂ , ClO ₂ , O ₃ and combustibles (LEL)	VOCs (PID), H ₂ S, CO, O ₂ , SO ₂ , PH ₃ , NH ₃ , NO ₂ , HCN, Cl ₂ , ClO ₂ , O ₃ and combustibles (LEL)	CO ₂ (IR), H ₂ S, CO, O ₂ , SO ₂ , NH ₃ , O ₃ and combustibles (LEL)
Sensors	Plug-in, electrochemical cell (toxic and oxygen); catalytic (LEL)	Plug-in, electrochemical cell (toxic and oxygen); catalytic (LEL); Photoionization detector (PID) with 10.6 eV lamp for volatile organic compounds (VOCs)	Plug-in, electrochemical cell (toxic and oxygen); catalytic (LEL); infrared (IR) for carbon dioxide (CO ₂)
Typical battery life¹			
AA Alkaline	20 hours	15 hours	15 hours
Rechargeable	20 hours	15 hours	15 hours

¹Based on the run time of a 5-gas instrument in diffusion mode at +68°F/+20°C, other instrument configurations or environmental conditions may increase/decrease the battery life of your instrument.

Sensors

The GasAlertMicro 5 is available in three models: toxic/ electrochemical, PID (for VOCs) or IR (for CO₂). For more information about available sensor configurations, please contact BW Technologies by Honeywell.



Electrochemical and catalytic bead sensors available for:

H ₂ S	CO	O ₂
SO ₂	Cl ₂	ClO ₂
NH ₃	PH ₃	HCN
NO ₂	O ₃	Combustibles (LEL)



Photoionization sensor available for volatile organic compounds (VOCs) detection.



Infrared (IR) gold series sensors available for carbon dioxide (CO₂) detection.

Note: Due to board and sensor configuration GasAlertMicro 5 models are not interchangeable (i.e. a PID sensor cannot be used in a IR configured unit).



Both the diffusion and pumped configurations are compatible with the MicroDock II automated bump test and calibration system

GasAlertMicro 5

Industry or Application	Sources of Additional Hazards
Confined Space Entry	Various sources - industrial chemicals
Wastewater Plants	Cl ₂ , NH ₃ , ClO ₂ from treatment
Steel / Iron Production	NO ₂
Pulp and Paper	Cl ₂ from bleaching
Food and Beverage	NH ₃ from refrigerants, ice production PH ₃ from fumigation
Construction	Confined space entry, trenching, and NO ₂ from diesel exhaust

GasAlertMicro 5 PID

Industry or Application	Sources of VOC Hazards
Confined Space Entry	Respiration and aerobic bacterial decomposition
Hazmat / Homeland Security	Detect flammables not detected by LEL sensor (diesel, gasoline vapor, turpentine, etc)
Industrial Hygiene and Confined Space	Wide number of potential hazards (benzene, diesel, ethanol, toluene, etc.) dependant on industry
Airlines (wing-tank entry)	Jet fuel not detectable by LEL sensor, PID required
Landfills	Decomposing organic matter, emission of chemical compounds
Oil and Gas	By-products of refining processes
Chemical Plants	Number of potential hazards dependant on product and process of manufacturing

GasAlertMicro 5 IR

Industry or Application	Sources of CO ₂ Hazards
Confined Space Entry	Respiration and aerobic bacterial decomposition
Wineries and Breweries	By-product of yeast fermentation
Agriculture	Greenhouses, mushroom farms use CO ₂ to enhance growth; also used to speed ripening of fruits and vegetables, aerobic bacteria in manure pits
Marine Fuel Transport / Shipping and Shipyards	Used for fire suppression and inerting cargo holds
Oil Well Fracturing	Injected into mature wells for further oil extraction
Wastewater Treatment	Aerobic bacteria
Food Industry / Cold Storage	Solid CO ₂ (dry ice) used as a refrigerant and for carbonation; CO ₂ used in packaging to extend storage shelf life
Industrial and Chemical Manufacturing	CO ₂ used in various processes
Landfills	Biodegradation (aerobic decomposition) of waste

Standard features of BW products:

- Continuous LCD shows real-time gas concentrations
- Water-resistant
- Automatic calibration procedure; compatible with BW MicroDock II automatic test and calibration station
- Full function self-test of sensor, battery status, circuit integrity and audible/visual alarms on start up
- Bright wide-angled visual alarm bars
- Built-in concussion-proof boot

GasAlertMicro 5 Specifications

Size	5.7 x 2.9 x 1.5 in. / 14.5 x 7.4 x 3.8 cm																									
Weight	13.1 oz. / 370 g																									
Temperature	-4 to +122°F / -20 to +50°C 14 to +104°F / -10 to +40°C (PID)																									
Alarms	- Visual, vibrating, audible (95 dB) - Low, High, STEL, TWA, OL (over limit)																									
Tests	Sensor integrity, circuitry, battery and audible/visual alarms on activation, battery (continuous)																									
Pump	Optional; Sample from up to 66 ft. / 20 m																									
User options	<table><tr><td>Confidence beep</td><td>Combustible gas measurement (% LEL or % by volume methane)</td></tr><tr><td>Set STEL interval</td><td></td></tr><tr><td>Set TWA method</td><td>O₂ auto calibration on start up</td></tr><tr><td>Sensor on/off</td><td></td></tr><tr><td>Latching alarms</td><td>Automatic backlight</td></tr><tr><td>Safe display mode</td><td>Sleep mode</td></tr><tr><td>Stealth mode</td><td>User-settable calibration gas level</td></tr><tr><td>Adjust Clock</td><td></td></tr><tr><td>Set datalogger rate</td><td>Calibration due lockout</td></tr><tr><td>Passcode protection</td><td>Daily bump test</td></tr><tr><td>Correction factor library (LEL, PID)</td><td>Language choices (five)</td></tr><tr><td>Fast pump</td><td>High resolution</td></tr></table>		Confidence beep	Combustible gas measurement (% LEL or % by volume methane)	Set STEL interval		Set TWA method	O ₂ auto calibration on start up	Sensor on/off		Latching alarms	Automatic backlight	Safe display mode	Sleep mode	Stealth mode	User-settable calibration gas level	Adjust Clock		Set datalogger rate	Calibration due lockout	Passcode protection	Daily bump test	Correction factor library (LEL, PID)	Language choices (five)	Fast pump	High resolution
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Fast pump	High resolution																									
Ratings	EMI/RFI: Complies with EMC Directive 89/336/EEC IP 65/66																									
Certifications and approvals	<table><tr><td></td><td>Class I, Div. 1, Gr. A, B, C, D</td></tr><tr><td></td><td>American Bureau of Shipping - Toxic & PID models</td></tr><tr><td>ATEX:</td><td> II 1 G</td></tr><tr><td></td><td>Ga Ex ia IIC T4*</td></tr><tr><td></td><td> II 2 G - IR model only</td></tr><tr><td></td><td>Ex d ia IIC T4*</td></tr><tr><td>IECEx:</td><td>Ga Ex ia IIC T4*</td></tr><tr><td></td><td>Ex d ia IIC T4* - IR model only</td></tr></table> <i>*Temperature codes may vary as a function of the batteries installed. Please see owner's manual for a complete listing of compatible batteries and codes.</i>			Class I, Div. 1, Gr. A, B, C, D		American Bureau of Shipping - Toxic & PID models	ATEX:	 II 1 G		Ga Ex ia IIC T4*		 II 2 G - IR model only		Ex d ia IIC T4*	IECEx:	Ga Ex ia IIC T4*		Ex d ia IIC T4* - IR model only								
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Warranty	Full two year warranty including sensors (1 year NH ₃ , Cl ₂ , O ₃ , ClO ₂ and PID lamp)																									

Additional GasAlertMicro 5 Features:

- Integral motorized pump option for remote sampling
- Equipped with internal vibrating alarm for high noise areas
- Two power options: AA alkaline or rechargeable hot-swappable battery packs
- Multi-language support in English, French, German, Spanish and Portuguese

Options and Accessories



Integral pump and battery charger



Confined space kit



Belt holster



Collapsible sampling probe

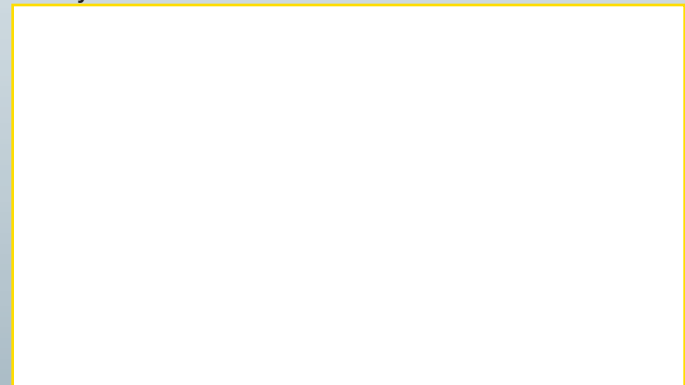
For a complete list of accessories, please contact BW Technologies.

Sensor Specifications

Gas	Measuring Range (ppm)	Default Resolution (ppm)	High Resolution (ppm)
H₂S	0-500	1.0	0.1
CO	0-999	1.0	N/A
TwinTox (H₂S)	0-500	1.0	0.1
TwinTox (CO)	0-500	1.0	N/A
O₂	0-30.0%	0.1%	N/A
SO₂	0-150	1.0	0.1
PH₃	0-5.0	1.0	0.1
NH₃	0-100	1.0	0.1
NO₂	0-99.9	1.0	0.1
HCN	0-30.0	1.0	0.1
Cl₂	0-50.0	1.0	0.1
ClO₂	0-1.0	0.1	0.01
O₃	0-1.0	0.1	0.01
PID (VOCs)	0-1000	1	N/A
IR (CO₂)	0-50,000 0-5.0% v/v	50 0.01%	N/A N/A
Combustible gases	0-100% LEL 0-5.0% v/v	1% 0.1%	N/A

Alarm set points for all sensors are user adjustable. Set point(s) are automatically displayed during instrument start up.

Locally available from





GasAlertMicro5 Series

Multi-Gas (1–5) Detectors

VOCs, CO₂, LEL, H₂S, CO, O₂, SO₂, PH₃, NH₃, NO₂, HCN, Cl₂, ClO₂, O₃



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Protect yourself

Compact and lightweight, GasAlertMicro 5 Series instruments are available in diffusion or pumped instruments. The portable gas detectors simultaneously monitors and displays up to five potential atmospheric hazards. The GasAlertMicro 5 PID model also identifies PID detectable VOCs, while the GasAlertMicro 5 IR uses an NDIR sensor to monitor CO₂ levels. Adaptable to a variety of applications, GasAlertMicro 5 Series instruments have an extensive selection of user-settable field options. Use the passcode function to prevent unauthorized modifications of the instrument's settings. Compatible with BW's MicroDock II automatic test and calibration system, GasAlertMicro 5 Series instruments are unparalleled in their versatility, performance and overall value.

Standard Package Contents

- Detector complete with specified sensor(s), stainless steel alligator clip and concussion-proof housing
- Rechargeable battery pack or alkaline pack with three AA batteries
- Cradle charger and wall outlet charging adaptor (with rechargeable battery option)
- Sample probe (with motorized pump option)
- Screwdriver
- Calibration/test adaptor and hose
- Manual
- Multi-language CD manual

General Specifications

Size	5.7 x 2.9 x 1.5 in. / 14.5 x 7.4 x 3.8 cm
Weight	13.1 oz. / 370 g
Operating temperature	-4 to +122°F / -20 to +50°C 14 to +104°F / -10 to +40°C (PID)
Typical battery life	20 hours (15 hours PID/IR)* <i>*Based on a 5-gas instrument in diffusion mode at 68°F / 20°C</i>

Certifications and approvals



Class I, Div. 1, Gr. A, B, C, D



American Bureau of Shipping
(Toxic and PID models)

ATEX:

CE II 1 G

Ga Ex ia IIC T4*

CE II 2 G (IR model only)

Ex d ia IIC T4*

IECEx:

Ga Ex ia IIC T4*

Ex d ia IIC T4* (IR model only)

**Temperature codes may vary as a function of the batteries installed. Please see owner's manual for a complete listing of compatible batteries and codes.*

Warranty

Full two year warranty including sensors
(one year Cl₂, NH₃, O₃, ClO₂ and PID sensor)

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by Honeywell

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GasAlertMicro 5 Series (continued)

GasAlertMicro 5 Detector

	Order Number
%LEL, O ₂ , H ₂ S, CO, SO ₂ - rechargeable battery, yellow housing	M5-XWSY-R-D-D-Y-N-00
%LEL, O ₂ , H ₂ S, CO, SO ₂ - rechargeable battery and pump, yellow housing	M5-XWSY-R-P-D-Y-N-00
%LEL, O ₂ , H ₂ S, CO, NH ₃ - rechargeable battery, yellow housing	M5-XWAY-R-D-D-Y-N-00
%LEL, O ₂ , H ₂ S, CO, NH ₃ - rechargeable battery and pump, yellow housing	M5-XWAY-R-P-D-Y-N-00
%LEL, O ₂ , H ₂ S, CO, Cl ₂ - rechargeable battery, yellow housing	M5-XWCY-R-D-D-Y-N-00
%LEL, O ₂ , H ₂ S, CO, Cl ₂ - rechargeable battery and pump, yellow housing	M5-XWCY-R-P-D-Y-N-00
%LEL, O ₂ , H ₂ S, CO - alkaline batteries and pump, yellow housing	M5-XW0Y-A-P-D-Y-N-00
%LEL, O ₂ , H ₂ S, CO - rechargeable battery, yellow housing	M5-XW0Y-R-D-D-Y-N-00
%LEL, O ₂ , H ₂ S, CO - rechargeable battery and pump, yellow housing	M5-XW0Y-R-P-D-Y-N-00
%LEL, O ₂ , H ₂ S, CO, SO ₂ - rechargeable battery, black housing	M5-XWSY-R-D-D-B-N-00
%LEL, O ₂ , H ₂ S, CO, SO ₂ - rechargeable battery and pump, black housing	M5-XWSY-R-P-D-B-N-00
%LEL, O ₂ , H ₂ S, CO, NH ₃ - rechargeable battery, black housing	M5-XWAY-R-D-D-B-N-00
%LEL, O ₂ , H ₂ S, CO, NH ₃ - rechargeable battery and pump, black housing	M5-XWAY-R-P-D-B-N-00
%LEL, O ₂ , H ₂ S, CO, Cl ₂ - rechargeable battery, black housing	M5-XWCY-R-D-D-B-N-00
%LEL, O ₂ , H ₂ S, CO, Cl ₂ - rechargeable battery and pump, black housing	M5-XWCY-R-P-D-B-N-00
%LEL, O ₂ , H ₂ S, CO - alkaline batteries and pump, black housing	M5-XW0Y-A-P-D-B-N-00
%LEL, O ₂ , H ₂ S, CO - rechargeable battery, black housing	M5-XW0Y-R-D-D-B-N-00
%LEL, O ₂ , H ₂ S, CO - rechargeable battery and pump, black housing	M5-XW0Y-R-P-D-B-N-00

GasAlertMicro 5 Region Codes

For orders outside North America, change order number component “-N” to:

“-E”	Europe	“-B”	Brazil
“-U”	United Kingdom	“-X”	Other region with 3-pin UK plug
“-A”	Australia	“-Y”	Other region with 2-pin UK plug
“-C”	China/New Zealand		

Note: Listed above are commonly ordered instrument configurations. To create a custom GasAlertMicro 5 detector, use the configurator table on the next page or contact BW Technologies for a copy of the electronic order number configurator.

Gas Legend

%LEL	Combustible (W)	ClO ₂	Chlorine dioxide (V)
O ₂	Oxygen (X)	NH ₃	Ammonia (A)
H ₂ S	Hydrogen sulfide (H)	PH ₃	Phosphine (P)
CO	Carbon monoxide (M)	HCN	Hydrogen cyanide (Z)
SO ₂	Sulfur dioxide (S)	NO ₂	Nitrogen dioxide (D)
Cl ₂	Chlorine (C)	O ₃	Ozone (G)



GasAlertMicro 5
Diffusion version



GasAlertMicro 5
Pump version

GasAlertMicro 5 Series (continued)

GasAlertMicro 5 Order Number Configurator

► Sensor - Toxic 2 None (dummy sensor) 0 CO and H ₂ S (Duo-Tox dual channel) Y H ₂ S (hydrogen sulfide) H CO (carbon monoxide) M Cl ₂ (chlorine) C ClO ₂ (chlorine dioxide) V PH ₃ (phosphine) P HCN (hydrogen cyanide) Z NO ₂ (nitrogen dioxide) D O ₃ (ozone) G		► Battery A Alkaline R Rechargeable battery pack and cradle charger	
► Sensor - Toxic 1 None (dummy sensor) 0 H ₂ S (hydrogen sulfide) H CO (carbon monoxide) M SO ₂ (sulfur dioxide)* S* Cl ₂ (chlorine) C ClO ₂ (chlorine dioxide) V NH ₃ (ammonia)* A* PH ₃ (phosphine) P HCN (hydrogen cyanide) [†] Z [†] NO ₂ (nitrogen dioxide) D O ₃ (ozone) G		► Sampling D Diffusion P Motorized sampling pump	
► Sensor - Combustible Gases None (dummy sensor) 0 %LEL (combustibles) W		► Datalogging D Datalogging monitor (with Fleet Manager II software)	
► Sensor - Oxygen None 0 O ₂ (oxygen) X		► Housing Y Yellow housing B Black housing	
► Base Unit Base unit M5		► Region N North America E Europe C China/New Zealand U United Kingdom A Australia B Brazil X Other region with 3-pin UK plug Y Other region with 2-pin EU plug	

Order number: M5 D 00

For example, the order number for a GasAlertMicro 5 configured for O₂, %LEL, Cl₂, H₂S and CO and equipped with a rechargeable battery pack and cradle charger, motorized sampling pump, yellow housing and North American power connectivity would be M5-XWCY-R-P-D-Y-N-00.

*Note: Some gases (e.g. SO₂ and NH₃) cannot be combined in the same GasAlertMicro 5 configuration. Please check with Customer Service for specific availability.

[†]Note: HCN can only be ordered in the Toxic 1 location when the Duo-Tox (CO/H₂S) sensor is ordered in the Toxic 2 location. In all other configurations, HCN must be ordered in the Toxic 2 location.

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GasAlertMicro 5 Series (continued)

GasAlertMicro 5 PID Detector

	Order Number
VOCs, %LEL, O ₂ , H ₂ S, CO - alkaline batteries and pump, yellow housing	M5PID-XWQY-A-P-D-Y-N-00
VOCs, %LEL, O ₂ , H ₂ S, CO - rechargeable battery and pump, yellow housing	M5PID-XWQY-R-P-D-Y-N-00
VOCs, %LEL, O ₂ - alkaline batteries and pump, yellow housing	M5PID-XWQ0-A-P-D-Y-N-00
VOCs, %LEL, O ₂ - rechargeable battery and pump, yellow housing	M5PID-XWQ0-R-P-D-Y-N-00
VOCs - alkaline batteries and pump, yellow housing	M5PID-00Q0-A-P-D-Y-N-00
VOCs - rechargeable battery and pump, yellow housing	M5PID-00Q0-R-P-D-Y-N-00
VOCs, %LEL, O ₂ , H ₂ S, CO - alkaline batteries and pump, black housing	M5PID-XWQY-A-P-D-B-N-00
VOCs, %LEL, O ₂ , H ₂ S, CO - rechargeable battery and pump, black housing	M5PID-XWQY-R-P-D-B-N-00
VOCs, %LEL, O ₂ - alkaline batteries and pump, black housing	M5PID-XWQ0-A-P-D-B-N-00
VOCs, %LEL, O ₂ - rechargeable battery and pump, black housing	M5PID-XWQ0-R-P-D-B-N-00
VOCs - alkaline batteries and pump, black housing	M5PID-00Q0-A-P-D-B-N-00
VOCs - rechargeable battery and pump, black housing	M5PID-00Q0-R-P-D-B-N-00

GasAlertMicro 5 PID Region Codes

For orders outside North America, change order number component “-N” to:

“-E”	Europe	“-B”	Brazil
“-U”	United Kingdom	“-X”	Other region with 3-pin UK plug
“-A”	Australia	“-Y”	Other region with 2-pin UK plug
“-C”	China/New Zealand		

Note: Listed above are commonly ordered instrument configurations. To create a custom GasAlertMicro 5 PID detector, use the configurator table on the next page or contact BW Technologies for a copy of the electronic order number configurator.

Gas Legend

%LEL	Combustible (W)	ClO ₂	Chlorine dioxide (V)
O ₂	Oxygen (X)	NH ₃	Ammonia (A)
H ₂ S	Hydrogen sulfide (H)	PH ₃	Phosphine (P)
CO	Carbon monoxide (M)	HCN	Hydrogen cyanide (Z)
SO ₂	Sulfur dioxide (S)	NO ₂	Nitrogen dioxide (D)
Cl ₂	Chlorine (C)	O ₃	Ozone (G)
VOCs	Volatile organic compounds (Q)		



GasAlertMicro 5 PID
Diffusion version



GasAlertMicro 5 PID
Pump version

GasAlertMicro 5 Series (continued)

GasAlertMicro 5 PID Order Number Configurator

► Sensor - Toxic 2 None (dummy sensor) 0 CO and H ₂ S (Duo-Tox dual channel) Y H ₂ S (hydrogen sulfide) H CO (carbon monoxide) M SO ₂ (sulfur dioxide) S Cl ₂ (chlorine) C ClO ₂ (chlorine dioxide) V NH ₃ (ammonia) A PH ₃ (phosphine) P HCN (hydrogen cyanide) Z NO ₂ (nitrogen dioxide) D O ₃ (ozone) G		► Battery A Alkaline R Rechargeable battery pack and cradle charger	
► Sensor - Toxic 1 None (dummy sensor) 0 PID (photoionization detector) for VOCs (volatile organic compounds) Q		► Sampling D Diffusion P Motorized sampling pump	
► Sensor - Combustible Gases None (dummy sensor) 0 %LEL (combustibles) W		► Datalogging D Datalogging monitor (with Fleet Manager II software)	
► Sensor - Oxygen None 0 O ₂ (oxygen) X		► Housing Y Yellow housing B Black housing	
► Base Unit Base unit M5PID		► Region N North America E Europe C China/New Zealand U United Kingdom A Australia B Brazil X Other region with 3-pin UK plug Y Other region with 2-pin EU plug	

Order number: M5PID D 00

For example, the order number for a GasAlertMicro 5 PID configured for O₂, %LEL, VOCs, H₂S and CO and equipped with a rechargeable battery pack and cradle charger, motorized sampling pump, yellow housing and North American power connectivity would be M5PID-XWQY-R-P-D-Y-N-00.

*Note: Some gases cannot be combined in the same GasAlertMicro 5 configuration. Please check with Customer Service for specific availability.

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 Australia +1.300.729.450
 Other Countries +1.403.248.9226

BW
 Technologies
 by Honeywell

GasAlertMicro 5 Series (continued)

GasAlertMicro 5 IR Detector

Order Number

CO ₂ (IR), %LEL, O ₂ , H ₂ S, CO - rechargeable battery, yellow housing	M5IR-XWBY-R-D-D-Y-N-00
CO ₂ (IR), %LEL, O ₂ , H ₂ S, CO - rechargeable battery and pump, yellow housing	M5IR-XWBY-R-P-D-Y-N-00
CO ₂ (IR), %LEL, O ₂ , H ₂ S - rechargeable battery, yellow housing	M5IR-XWBH-R-D-D-Y-N-00
CO ₂ (IR), %LEL, O ₂ , H ₂ S - rechargeable battery and pump, yellow housing	M5IR-XWBH-R-P-D-Y-N-00
CO ₂ (IR), %LEL, O ₂ - rechargeable battery, yellow housing	M5IR-XWB0-R-D-D-Y-N-00
CO ₂ (IR), %LEL, O ₂ - rechargeable battery and pump, yellow housing	M5IR-XWB0-R-P-D-Y-N-00
CO ₂ (IR) - rechargeable battery, yellow housing	M5IR-00B0-R-D-D-Y-N-00
CO ₂ (IR) - rechargeable battery and pump, yellow housing	M5IR-00B0-R-P-D-Y-N-00
CO ₂ (IR), %LEL, O ₂ , H ₂ S, CO - rechargeable battery, black housing	M5IR-XWBY-R-D-D-B-N-00
CO ₂ (IR), %LEL, O ₂ , H ₂ S, CO - rechargeable battery and pump, black housing	M5IR-XWBY-R-P-D-B-N-00
CO ₂ (IR), %LEL, O ₂ , H ₂ S - rechargeable battery, black housing	M5IR-XWBH-R-D-D-B-N-00
CO ₂ (IR), %LEL, O ₂ , H ₂ S - rechargeable battery and pump, black housing	M5IR-XWBH-R-P-D-B-N-00
CO ₂ (IR), %LEL, O ₂ - rechargeable battery, black housing	M5IR-XWB0-R-D-D-B-N-00
CO ₂ (IR), %LEL, O ₂ - rechargeable battery and pump, black housing	M5IR-XWB0-R-P-D-B-N-00
CO ₂ (IR) - rechargeable battery, black housing	M5IR-00B0-R-D-D-B-N-00
CO ₂ (IR) - rechargeable battery and pump, black housing	M5IR-00B0-R-P-D-B-N-00

GasAlertMicro 5 IR Region Codes

For orders outside North America, change order number component “-N” to:

“-E” Europe	“-B” Brazil
“-U” United Kingdom	“-X” Other region with 3-pin UK plug
“-A” Australia	“-Y” Other region with 2-pin UK plug
“-C” China/New Zealand	

Note: Listed above are commonly ordered instrument configurations. To create a custom GasAlertMicro 5 IR detector, use the configurator table on the next page or contact BW Technologies for a copy of the electronic order number configurator.

Gas Legend

CO ₂	Carbon dioxide (B)	CO	Carbon monoxide (M)
%LEL	Combustible (W)	SO ₂	Sulfur dioxide (S)
O ₂	Oxygen (X)	NH ₃	Ammonia (A)
H ₂ S	Hydrogen sulfide (H)	O ₃	Ozone (G)



GasAlertMicro 5 IR
Diffusion version

GasAlertMicro 5 IR
Pump version

GasAlertMicro 5 Series (continued)

GasAlertMicro 5 IR Order Number Configurator

► Sensor - Toxic 2 None (dummy sensor) 0 CO and H ₂ S (Duo-Tox dual channel) Y H ₂ S (hydrogen sulfide) H CO (carbon monoxide) M SO ₂ (sulfur dioxide) S NH ₃ (ammonia) A O ₃ (ozone) G		► Battery A Alkaline R Rechargeable battery pack and cradle charger	
► Sensor - Toxic 1 None (dummy sensor) 0 IR (infrared) for CO ₂ (carbon dioxide) B		► Sampling D Diffusion P Motorized sampling pump	
► Sensor - Combustible Gases None (dummy sensor) 0 %LEL (combustibles) W		► Datalogging D Datalogging monitor (with Fleet Manager II software)	
► Sensor - Oxygen None 0 O ₂ (oxygen) X		► Housing Y Yellow housing B Black housing	
► Base Unit Base unit M5IR		► Region N North America E Europe C China/New Zealand U United Kingdom A Australia B Brazil X Other region with 3-pin UK plug Y Other region with 2-pin EU plug	

Order number: M5IR D 00

For example, the order number for a GasAlertMicro 5 IR configured for O₂, %LEL, CO₂, H₂S and CO and equipped with a rechargeable battery pack and cradle charger, motorized sampling pump, yellow housing and North American power connectivity would be M5IR-XWBY-R-P-D-Y-N-00.

*Note: Some gases cannot be combined in the same GasAlertMicro 5 configuration. Please check with Customer Service for specific availability.

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 Canada 1.800.663.4164
 Latin & South America +55.11.3309.1030

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 info@gasmonitors.com

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 S.E. Asia +65.6580.3468
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 Other Countries +1.403.248.9226



GasAlertMicro 5 Series (continued)

Confined Space Kits

	Order Number
GasAlertMicro 5 Series deluxe confined space kit - includes manual aspirator kit, sampling probe with holster, five spare auxiliary filters and three spare quick connect fittings, 10 ft. / 3 m sampling hose, carrying holster, calibration cap and 1.0 LPM regulator <i>Detector, calibration gas and motorized sampling pump sold separately.</i>	M5-CK-DL
Carrying case for GasAlertMicro 5 Series with foam and lid insert	M5-CK-CC

Carrying & Protective Accessories

	Order Number
Concussion-proof boot, diffusion units	GA-BM5-1
Concussion-proof boot, pump units	GA-BM5-2
Carrying holster	GA-HM5
Neck strap with safety release	GA-NS-1
Short strap (6 in. / 15.2 cm)	GA-LY-1
Extension strap (4 ft. / 1.2 m)	GA-ES-1
Chest harness	GA-CH-2



Concussion-Proof Boot
GA-BM5-2
*For GasAlertMicro 5 Series
pumped units*



Concussion-Proof Boot
GA-BM5-1
*For GasAlertMicro 5 Series
diffusion units*

Deluxe Confined Space Kit
M5-CK-DL



Carrying Holster
GA-HM5
Fits securely on belt

GasAlertMicro 5 Series (continued)

Sampling & Testing Equipment	Order Number
Integral motorized pump kit - Yellow - Black <i>Includes motorized pump cover, 1 ft. / 30 cm sample probe with hydrophobic barrier (water trap) and particulate filters, 5 ft. / 1.5 m sampling hose and two spare pump filters</i>	M5-PUMP M5-PUMPB
Auxiliary pump filter compatible with hose	M5-QCONN-K1
Auxiliary pump filter for use with Generation 2 pump modules (with filter window) - Kit of 5 - Kit of 100	M5-AF-K3 M5-AF-K3-100
Auxiliary pump filter for use with legacy Generation 1 pump modules (without filter window) - Kit of 5 - Kit of 100	M5-AF-K2 M5-AF-K2-100
Replacement pump, yellow	M5-PR-1
Replacement pump, black	M5-PRB-1
Replacement pump nozzle (for use with new Generation 2 pump modules)	M5-PN-1
Replacement diffusion cover, yellow	M5-DC-1
Replacement diffusion cover, black	M5-DCB-1
Replacement ammonia (NH ₃) sensor*	SR-A04
Manual aspirator pump kit with probe (1 ft. / 0.3 m)	GA-AS02
Test cap and hose (1.5 ft. / 0.5 m) replacement	M5-TC-1

Note: For complete list of Sampling & Testing Equipment, see the Sampling Equipment section.



**Replacement
Test Cap and Hose**
M5-TC-1



**Auxiliary Pump Filter with
Hose Connector**
M5-QCONN-K1



Auxiliary Pump Filter
M5-AF-K3 / M5-AF-K3-100
*Kit of 5 or 100, for Generation 2
pump modules*



Pump Module
M5-PUMP



Auxiliary Pump Filter
M5-AF-K2 / M5-AF-K2-100
*Kit of 5 or 100, for legacy
Generation 1 pump modules only*



**Replacement
Diffusion Cover**
M5-DC-1



Manual Aspirator Pump
GA-AS02
*For remote sampling; complete with
probe, hose and aspirator pump*

GasAlertMicro 5 Series (continued)

Power Accessories	Order Number
Alkaline battery pack, yellow*	M5-BAT0501
Alkaline battery pack, black*	M5-BAT0501B
Alkaline battery pack, European-style safety screws, yellow*	M5-BAT0502
Rechargeable battery pack, yellow*	M5-BAT08
Rechargeable battery pack, black*	M5-BAT08B
Cradle charger and rechargeable battery pack, yellow*	M5-C01-BAT08
Cradle charger and rechargeable battery pack, black*	M5-C01-BAT08B
Cradle charger for rechargeable battery packs	M5-C01
12 Vdc vehicle adaptor cable for use with cradle charger (M5-C01)	GA-V-CHRG4
Replacement power supply for chargers	POWER-UPS-01

*Note: Battery packs and chargers should be used with the new version GasAlertMicro 5 Series gas detectors (red circuit boards).

Datalogging Accessories	Order Number
Multimedia card	M5-MMC
USB memory card reader	CR-MMC-USB1

MicroDock II	Order Number
MicroDock II Automated Calibration and Testing Station:	
- Base station and GasAlertMicro 5 Series docking module (charging) with charging cable	DOCK2-2-1C1K-00-G
- Base station and GasAlertMicro 5 Series docking module (non-charging)	DOCK2-2-1J-00-G
- GasAlertMicro 5 Series docking module (charging), no charging cable	DOCK2-0-1K-00-G
- GasAlertMicro 5 Series docking module (non-charging)	DOCK2-0-1J-00-G

For complete MicroDock II system configuration information, see MicroDock II section.



Alkaline Battery Pack
M5-BAT0501/M5-BAT0501B
M5-BAT0502/M5-BAT0502B



Rechargeable Battery Pack
M5-BAT08/M5-BAT08B



Vehicle Adaptor
12 Vdc
GA-V-CHRG4
Vehicle adaptor cable for use
with cradle charger (M5-C01)



Cradle Charger Kit with Battery
M5-C01-BAT08 / M5-C01-BAT08B
Complete with charger and rechargeable
battery pack



Cradle Charger
M5-C01
Cradle charger for rechargeable battery packs
(can charge battery pack with or without detector attached)

GasAlertMicro 5 Series (continued)

Replacement Sensor Screens	Order Number
Quad sensor screen filters (kit of 2)	M5-SS
Replacement Sensors	Order Number
Replacement carbon dioxide (CO ₂) IR sensor	SR-B04
Replacement carbon monoxide (CO) sensor	SR-M04-SC
Replacement carbon monoxide (CO-H) sensor, H ₂ resistant	PS-RM04H
Replacement chlorine (Cl ₂) sensor*	PS-RC10
Replacement chlorine dioxide (ClO ₂) sensor*	SR-V04
Replacement combustible (% LEL) sensor with heavy duty silicone filter†	SR-W04
Replacement combustible (% LEL) sensor without heavy duty silicone filter†	SR-W04-UF
Replacement Duo-Tox sensor - carbon monoxide (CO) and hydrogen sulfide (H ₂ S)	D4-RHM04
Replacement hydrogen cyanide (HCN) sensor	PS-RZ10
Replacement hydrogen sulfide (H ₂ S) sensor	PS-RH04S
Replacement nitrogen dioxide (NO ₂) sensor	PS-RD04
Replacement oxygen (O ₂) sensor	SR-X10-C1
Replacement ozone (O ₃) sensor*	SR-G04
Replacement phosphine (PH ₃) sensor	SR-P04
Replacement sulfur dioxide (SO ₂) sensor	PS-RS04
Replacement volatile organic compounds (VOC) PID sensor, 10.6 eV*	SR-Q07
Replacement PID lamp, (10.6 eV) for PID sensor (SR-Q07)*	RL-PID10.6
Replacement electrode stacks for PID sensor (SR-Q07) (kit of 2)	M5PID-ES-1
Cleaning kit for PID sensor	M5PID-CLN-K1
Dummy sensor for 3-pin O ₂ or 3-pin Duo-Tox locations	SR-DUMM1
Dummy sensor for combustible (LEL) location	SR-DUMM2
Dummy sensor for PID location	SR-DUMM3

Note: All sensors come with a 2 year warranty unless marked with an asterisk (*), denoting 1 year warranty.

†Advisory: Detectors are equipped on a standard basis with SR-W04 combustible sensors. This sensor includes a heavy duty silicone filter that make it ideal for use in environments that have known sources of silicone or vapors containing silicon. The SR-W04 silicone filter equipped sensor should not be used when monitoring diesel, kerosene, jet fuel or other heavy hydrocarbon vapors with flashpoint temperatures above 38°C (100°F).

Calibration & Testing Equipment

For calibration and testing equipment for this product, please see pages 86-89.

PID Cleaning Kit

M5PID-CLN-K1
For PID sensors



**Replacement
10.6 eV PID Lamp**
RL-PID10.6
For PID sensors



**Replacement
Electrode Stack**
M5PID-ES-1
For PID sensors

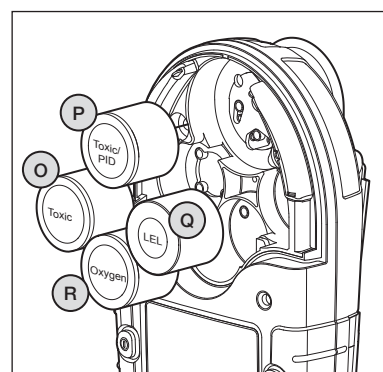
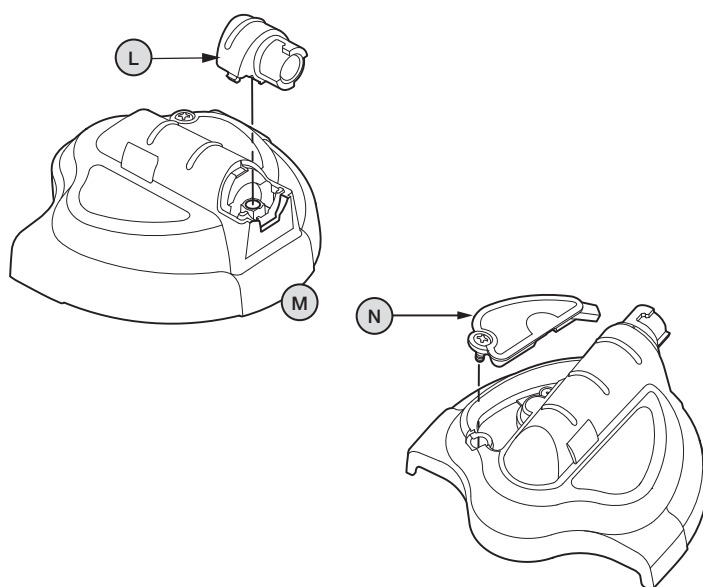
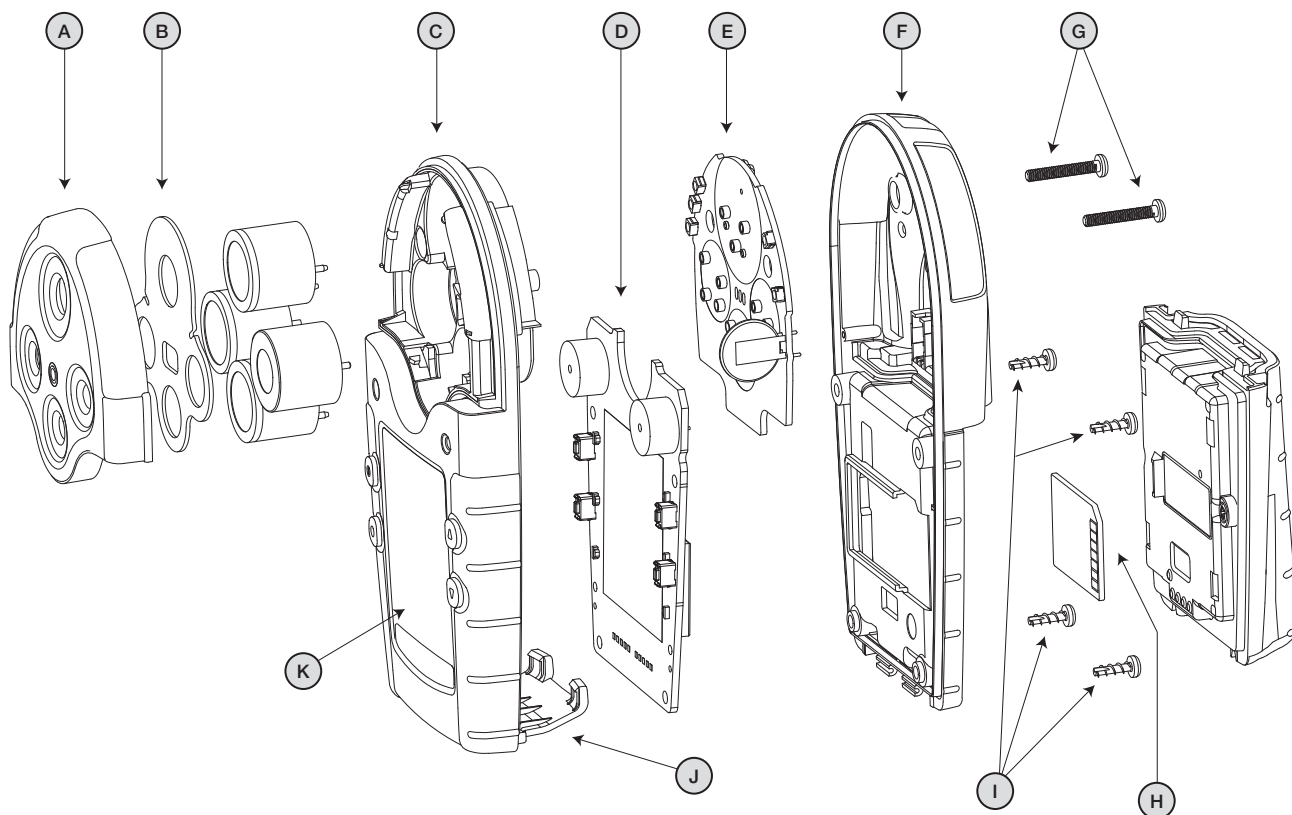


Replacement PID Sensor
SR-Q07



Replacement IR Sensor
SR-B04

GasAlertMicro 5 Series (continued)



Note: Please refer to the instrument's documentation (shipped with the product or available at www.gasmonitors.com) for complete instructions on common service procedures. Improper servicing or maintenance may affect warranty eligibility. Honeywell assumes no liability for damages resulting from improper servicing or maintenance.

GasAlertMicro 5 Series (continued)

Legend	Service Parts	Order Number
C	Replacement front enclosure (yellow) for GasAlertMicro 5 Series	M5-FC1
	Replacement front enclosure (black) for GasAlertMicro 5 Series	M5-FC1B
F	Replacement back enclosure (yellow) with screws for GasAlertMicro 5 Series	M5-BC1
	Replacement back enclosure (black) with screws for GasAlertMicro 5 Series	M5-BC1B
A	Replacement diffusion cover (yellow) for GasAlertMicro 5 Series	M5-DC-1
	Replacement diffusion cover (black) for GasAlertMicro 5 Series	M5-DCB-1
	Replacement alligator-style clip with screw (stainless steel)	GA-AG-2
	Replacement battery latch	M5-BL-1
D	Replacement main PCB for GasAlertMicro 5 Series	M5-DL2-MPCB3
E	Replacement sensor PCB for GasAlertMicro 5	M5-SPCB3
	Replacement sensor PCB for GasAlertMicro 5 PID	M5PID-SPCB3
	Replacement sensor PCB for GasAlertMicro 5 IR	M5IR-SPCB1
L	Replacement nozzle for generation 2 GasAlertMicro 5 Series pump module (with filter window)	M5-PN-1
	Hose assembly with syringe filter	M5-QCONN-K1
J	Replacement battery latch for GasAlertMicro 5 Series	M5-BL-1
H	Replacement multimedia card for GasAlertMicro 5 Series	M5-MMC
I	Replacement screw kit for GasAlertMicro 5 Series	M5-SCREW-K1
	Replacement screwdriver and alkaline battery pack screws for GasAlertMicro 5 Series	M5-ALLEN

How to Replace a Sensor

1. With detector OFF, use No. 1 Phillips screwdriver to remove 2 screws (G) from back enclosure (F) on either side of the belt clip
2. Lift diffusion cover (A) or pump module straight up
3. Remove sensor (O-R) by pulling straight up from PCB (E)
4. Insert new sensor (O-R) into PCB (E)
5. Replace diffusion cover (A) or pump module
6. Replace 2 screws (G) in back enclosure (F) and hand-tighten until firm

How to Replace the Sensor Screen

1. With detector OFF, use No. 1 Phillips screwdriver to remove 2 screws (G) from back enclosure (F) on either side of the belt clip
2. Lift diffusion cover (A) or pump module straight up
3. Remove sensor screen (B) by pulling it straight up from diffusion cover (A) or pump module
4. Insert sensor screen (B) into diffusion cover (A) or pump module
5. Replace diffusion cover (A) or pump module
6. Replace 2 screws (G) in back enclosure (F) and hand-tighten until firm

Note: Please refer to the instrument's documentation (shipped with the product or available at www.gasmonitors.com) for complete instructions on common service procedures. Improper servicing or maintenance may affect warranty eligibility. Honeywell assumes no liability for damages resulting from improper servicing or maintenance.