

### THE MULTI-GAS DETECTOR THAT CAN DISPLAY UP TO 5 GAS RISKS SIMULTANEOUSLY.

The GasAlertMicro 5 can be adapted to many applications and offers a wide range of user-adjustable options.

It is available in several models:

- standard model for toxic gases
- PID model for VOC detection
- IR model for CO2 detection

It also has a code protection feature that prevents unauthorized changes to its settings.

Compatible with BW's MicroDock II automatic test and calibration system, the GasAlertMicro 5 offers unmatched versatility, performance and benefits.



**GASALERTMICRO 5**

### TECHNICAL CHARACTERISTICS :

**Dimensions :** 14,5 x 7,4 x 3,8 cm

**Weight :** 370g

**Temperature :** - 20 à +50 °C

**Alarms :** Visual, vibrating and audible (95dB), Low, High, STEL, TWA and OL (over range), low battery and pump

**Tests :** Audible/visual alarm at start-up, sensors, battery, pump and continuous electronics

**ATEX Certification :** II 1 G T4 / Ex ia IIC T4  
II 2 G T4 - IR only / Ex d ia IIC T4

**Average battery life :** 13h recharge in 6h

**Protection class :** IP66/67

**Electromagnetic interference/RF :** Compliance with EMC Directive 89/336/EEC

**Warranty :** 2 years. O2, H2S, CO, SO2, Twin-Tox and LEL sensors are guaranteed for 2 years. The other sensors are guaranteed for one year.



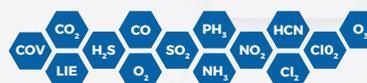
**GASALERTMICRO 5 PID**

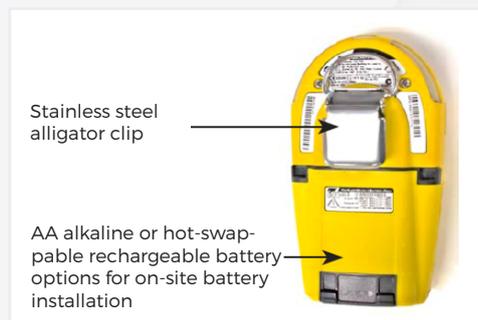
### DIFFERENCES BETWEEN THE MODELS :

	GasAlertMicro 5	GasAlertMicro 5 PID	GasAlertMicro 5 IR
<b>Gases detected</b>	H <sub>2</sub> S, CO, O <sub>2</sub> , SO <sub>2</sub> , PH <sub>3</sub> , NH <sub>3</sub> , NO <sub>2</sub> , HCN, Cl <sub>2</sub> , ClO <sub>2</sub> , O <sub>3</sub> and fuel gases (LIE)	COV (PID), H <sub>2</sub> S, CO, O <sub>2</sub> , SO <sub>2</sub> , PH <sub>3</sub> , NH <sub>3</sub> , NO <sub>2</sub> , HCN, Cl <sub>2</sub> , ClO <sub>2</sub> , O <sub>3</sub> and fuel gases (LIE)	CO <sub>2</sub> (IR), H <sub>2</sub> S, CO, O <sub>2</sub> , SO <sub>2</sub> , NH <sub>3</sub> , O <sub>3</sub> and fuel gases (LIE)
<b>Sensors</b>	Electrochemical (toxic and oxygen), catalytic (LEL)	Electrochemical (toxic and oxygen), catalytic (LEL), Photo-ionization (PID) with lamp 10,6 eV for compounds volatile organic compounds (VOC)	Electrochemical (toxic and oxygen), catalytic (LEL), infrared (IR) for the dioxide carbon (CO2)



**GASALERTMICRO 5 IR**





### STANDARD FUNCTION :

- Real-time indication of gas concentrations on the liquid crystal display
- Automatic calibration procedure, compatible with BW MicroDock II system
- Beep for proper operation
- Latching alarm
- Security display mode
- Stealth mode
- Setting the data logging frequency
- Code protection
- Library of correction factors (LEL, PID)
- Measurement of combustible gases (% LEL or % by volume for methane)
- Automated self-test of battery, sensors and electronics at start-up
- Automatic backlighting
- Lockout if the calibration deadline is exceeded
- Daily functional test
- Optional integrated motorized pump for remote sampling
- Two power options:  
AA alkaline batteries or hot-swappable rechargeable battery
- Multilingual interface:  
English, French, German, Spanish and Portuguese
- Data acquisition\* function by MMC 64Mb card, recording periodicity adjustable from 1 to 60s

### CELL CHARACTERISTICS :

Gas	Measuring range (ppm)	Resolution by default (ppm)	Resolution high (ppm)
H <sub>2</sub> S	0-500	1	0,1
CO	0-999	1	N/A
TwinTox (H <sub>2</sub> S)	0-500	1	0,1
TwinTox (CO)	0-500	1	N/A
O <sub>2</sub>	0-30% vol	0,10%	N/A
SO <sub>2</sub>	0-150	1	0,1
PH <sub>3</sub>	0-5,0	1	0,1
NH <sub>3</sub>	0-100	1	0,1
NO <sub>2</sub>	0-99,9	1	0,1
HCN	0-30,0	1	0,1
Cl <sub>2</sub>	0-50,0	1	0,1
ClO <sub>2</sub>	0-1,0	0,1	0,01
O <sub>3</sub>	0-1,0	0,1	0,01
PID (COV)	0-1000	1	N/A
IR (CO <sub>2</sub> )	0-50 000	150	N/A
	0-5,0% v/v	0,01%	N/A
Combustible gases	0-100% LEL	1%	N/A
	0-5,0% v/v	0,10%	N/A

The thresholds are automatically displayed when the instrument is switched on..

### CONTENTS OF THE BOX:

Standard version: detectors supplied ready to use with display and sensors (according to specifications), sensor housing cover for diffusion operation, calibration adapter and hose, memento and technical documentation CD, integrated shockproof case and three AA alkaline batteries.

Confined space kits: components of the standard version, plus foam-lined carrying case for instrument and accessories, 34l calibration gas cylinders required for installed sensors, 0.5 or 1l/min calibration regulator (male) and tubing.