



MULTI GAS DETECTOR

GasAlertMicro 5

PART. NO. 1160501-1160902

MULTI GAS DETECTOR 5 GASSES

GENERAL DESCRIPTION

- Standard (LEL), PID (VOC's) or Infra-red (CO₂) versions
- Compact and light weight
- Visual, acoustic and vibration alarm
- Maintenance friendly
- Diffusion measurement or pump version
- ATEX / IECEx approved
- Shock resistant enclosure (IP 65/66)
- Data logging

Three versions

The **GasAlertMicro 5** models are compact, lightweight and available in diffusion or pumped versions. The standard GasAlertMicro 5 LEL version simultaneously monitors and displays **up to five gasses**. The **GasAlertMicro 5 PID** model identifies detectable VOCs, while the **GasAlertMicro 5 IR** uses an NDIR sensor to monitor CO₂ levels. The GasAlertMicro 5 series offers a large range of selectable sensors including an extensive number of user settable field options.

User friendly

The GasAlertMicro 5 is **easy to use** because of a simple operation with 4 push buttons. After switching on, settings are displayed and an automatic self-test is carried out. The GasAlertMicro 5 has a large and clearly readable display with backlighting. At the same time, the current measured value can be read per sensor. The impact-resistant housing has a high water resistance (IP65/66) and can be attached to the workwear by means of a sturdy stainless steel alligator carrying clip. The detector has a password protection so that users cannot access the locked options. The GasAlertMicro 5 can be used with 3 AA-alkaline batteries or a rechargeable battery pack.

Wide range of applications

Thanks to its compact design, easy handling and low weight, the GasAlertMicro 5 is a very user-friendly safety device. Usable in heavy industry working environments, including Petrochemicals, Offshore, Soil remediation, Shipping, Water purification, Fire Brigade organizations and many other industries!

Explosion safety, this detector complies with the most stringent European standard of explosion safety and is intrinsically safe.

APPLICATIONS:

- + Chemical Industry
- + Refineries
- + Waste water treatment
- + Boiler houses
- + Soil remediation
- + Storage of dangerous goods
- + Food industry

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- + Tailor made advice
- + Project management
- + Technical support
- + Training and education
- + Commissioning
- + Onsite service / maintenance / calibration
- + Rentals



Standard version









Version with pump

ORDER INFORMATION

VERSIONS					
TYPE	PART NO.	GAS TYPE	MEASUREMENT RANGE	LOW ALARM	HIGH ALARM
GasAlert Micro 5 LEL	1160501	Methane	0 – 100 % LEL	10 %	20 %
GasAlert Micro 5 CO ₂	1160950	Carbon dioxide	0 – 5 Vol%	0,5 %	1,5 %
GasAlert Micro 5 PID	1160902	VOC's	0 – 1000 ppm	50 ppm	100 ppm

OPTIONS		
GAS TYPE	DESCRIPTION	MEASUREMENT RANGE
O ₂	Oxygen	0 – 30 Vol%
CO	Carbon monoxide	0 – 999 ppm
H ₂ S	Hydrogen Sulphide	0 – 500 ppm
NO ₂	Nitrogen dioxide	0 – 99,9 ppm
HCN	Hydrogen cyanide	0 – 30,0 ppm
Cl ₂	Chlorine	0 – 50,0 ppm
NH ₃	Ammonia	0 – 100 ppm
ClO ₂	Chlorine dioxide	0 – 1,00 ppm
O ₃	Ozone	0 – 1,0 ppm
SO ₂	Sulphur dioxide	0 – 150 ppm

ACCESSOIRES			
TYPE	IMAGE	ARTICLE	DESCRIPTION
Pomp set		1160610	Pump Set, incl. electric suction pump, measuring probe 30 cm, water filter; dust filter; suction hose 1,5 m, 5 spare dust filters, 1 spare water filter
		1160723	Pump filter (half moon)
		1160700	In-line water / dust filter (in tubing)
Probe Plastic		1160611	Plastic probe GA-Probe 1-1 (30cm)
Probe Stainless Steel		1160632	Stainless Steel probe 50 cm, 1 x tube connection
Float		1161300	GA-Float (for detection in wells)
Connector		1160722	Quick connector; connector tube and detector
Tubing		1225819	Gas tube (mtr)
Case		1160660	Plastic carrying case, suitable for detector and accessories
Battery pack		1160645	Spare rechargeable battery pack
Car power adapter		1160046	12-24VDC vehicle power adaptor (for cigarette lighter)
PID Cleaning Kit		1160910	PID Cleaning Kit
Test gas		9990548	Gas bottle with test gas, CO ₂ 1.0 vol/% / Air, 110 gas litre's
		9990527	Gas bottle with test gas, Isobutylene 100ppm/Air 110 gas litre's
		9990518	Gas bottle with test gas CH ₄ , H ₂ S, CO, O ₂ in N ₂ , 58 gas litre's
Reducer		9990600	Regulator for gas cylinder; fixed flow

SPECIFICATIONS

PRODUCT	GASALERTMICRO 5
Dimensions	145 x 74 x 38 mm
Weight	Approx. 370 grams
Housing	Durable shock proof housing
Ingress Protection	IP 65/66
Operating temperature	-20°C to +50°C (PID > -10 to + 40°C)
Display	LC-display, alphanumeric display with current measured values, status and backlighting.
Alarm	Low & high alarm per sensor; TWA alarm, STEL alarm (toxic gasses), OL (Over limited) pump alarm and battery alarm
Alarm indicators	Sound: Buzzer > 95 dB Visual: Red flashing wide angle LED's and notification in display Sense: Vibration alarm
Mounting	Crocodile clothing clip
Power	Rechargeable battery or three AA-alkaline batteries
Life time	~ 20 hrs with three AA-alkaline batteries (15hrs for PID & IR versions) ~ 20 hrs with rechargeable battery pack (15hrs for PID & IR versions)
Function buttons	On/Off, peak values and STEL/TWA values
Measurement	Diffusion or electric suction pump (optional)
Data logger	All events (alarms, calibration, fault, etc.) Capacity; interval 5 sec. / 2 Month with 32MB Flash MMC card
Including	Delivery including test gas adapter and manual
Manufacturer	OEM BW

