

EUROPE'S LARGEST SELECTION OF TEST & MEASUREMENT EQUIPMENT FOR HIRE

INLEC.COM

DATA-SHEET



Nationwide Low Call
0333 6000 600

WHY BUY
WHEN YOU CAN HIRE

GasAlertMicro 5 PID

VOCs (PID), H₂S, CO, O₂, SO₂, PH₃, NH₃, NO₂, HCN, Cl₂, ClO₂, O₃, and Combustibles



"INNOVATORS IN GAS DETECTION"



Five-Gas Detector



Protect Yourself

- △ Smaller and over 50% lighter than competitive instruments
- △ Water-resistant design in an integral concussion-proof enclosure
- △ Continuous LCD shows simultaneous gas concentrations for five gases
- △ 0 - 1000 ppm measurement of VOCs (Volatile Organic Compounds)
- △ Integral motorized pump option for remote sampling
- △ Two power options: AA alkaline or rechargeable hot-swappable battery packs
- △ Provides 95 dB alarm tone and two bright wide-angled alarm bars
- △ Equipped with internal vibrating alarm for high noise areas
- △ Multi-language support in English, French, German, Spanish, and Portuguese
- △ Three backlight options: standard—activates in low light (auto), in alarm (auto) and reactivates on-demand; alarm only—activates in alarm conditions and reactivates on-demand; stealth mode
- △ Four alarm levels: instantaneous Low and High Alarm for all gases; TWA (time-weighted average) and STEL (short-term exposure limit) for VOCs and toxic gases
- △ Simple automatic calibration procedure; compatible with BW MicroDock II automatic test and calibration station
- △ Records TWA, STEL, and maximum exposures to gas and displays readings on command
- △ User selectable field options include: PID correction factor, language selection, confidence beep, span level, set TWA/STEL calculation choice, set calibration due date, pass code protection, latching alarm, "SAFE" display function, stealth mode, and selectable ppm resolution for some gases (e.g. SO₂ 0.1 ppm)
- △ Full function self-test of: sensor, battery and circuit integrity; and audible/visual alarms



Water Resistant



GasAlertMicro 5 PID
with integrally attached pump



Optional rechargeable battery
and slip-in cradle charger

ISO
ISO9001:2000
Registered

Ordering Information

GasAlertMicro 5 PID is delivered ready for use with sensors (as specified), sensor compartment cover for diffusion operation, battery (as specified), stainless steel alligator clip, calibration cap/hose, 2 extra electrode stacks, instructions in local languages and interactive training CD.

Battery/Charger Options

Three AA alkaline batteries

Rechargeable battery pack and desktop/wall mountable slip-in cradle charger

User-Downloadable Datalogger Option

Datalogging versions include 32 MB MMC card, software and an IR port for use with the MicroDock II automated calibration and test station.

Pump Option

Includes detector, standard accessories plus integrally attached motorized pump and cover (installed), 12 in./30 cm sample probe with hydrophobic barrier (water trap) and particulate filters, 5 ft./1.5 m sampling tubing, five spare particulate filters, and one spare water trap filter.

Value Added Confined Space Kits

Kits include detector, standard accessories plus a hard-sided, foam-lined carrying case, 10 ft./3 m sampling hose, sample probe, battery power (as specified), 34 L calibration gas cylinder(s) with regulator(s).

Accessories

MMC USB Reader

Manual Aspirator Pump

Vehicle Charger

Carrying Holster

MicroDock II—Automatic Calibration and Test Station

www.gasmonitors.com

Email: info@bwt.net

GasAlertMicro 5 PID

VOCs (PID), H₂S, CO, O₂, SO₂, PH₃, NH₃, NO₂, HCN, Cl₂, ClO₂, O₃, and Combustibles

Five-Gas Detector

GasAlertMicro 5 PID portable gas detector simultaneously monitors up to five atmospheric hazards including volatile organic compounds (VOCs), oxygen, combustible gas (% LEL), and a wide selection of individual electrochemical toxic sensors. Compact and lightweight, **GasAlertMicro 5 PID** activates audible, visual and vibrating alarms in the event of a low, high, TWA or STEL alarm condition.

VOCs present multiple potential threats in the workplace environment. VOCs are characterized by their tendency to evaporate easily at room temperature and include substances such as solvents, paint thinners, benzene, butadiene, hexane, toluene, as well as vapors associated with fuels such as gasoline, diesel, heating oil, kerosene, and jet fuel. The **GasAlertMicro 5 PID**'s integrated photoionization detector (PID) enables sensitive broad spectrum monitoring of volatile organic contaminants.

Highly configurable to suit a range of applications, **GasAlertMicro 5 PID** comes as a diffusion or pumped instrument; with either alkaline or NiMH rechargeable hot-swappable battery pack and has optional datalogging capabilities. Standard features include confidence beep, automatic calibration, full function self-test, and an extended selection of user-settable field options.



For further information:

1-888-749-8878 USA
 1-800-663-4164 Canada
 +44 (0) 1869 233004 Europe
 +971-4-8871766 Middle East
 +61-438-887-232 Australia
 +852-2974-1783 China
 +65-6465-4151 South East Asia
 +1-403-248-9226 Other Countries

Corporate Headquarters

2840 - 2 Avenue S.E.
 Calgary, AB, Canada T2A 7X9
 Phone: +1-403-248-9226
 Fax: +1-403-273-3708

Email: info@bwt.net.com
 www.gasmonitors.com

BW1105-01-01-00-8.25x11-20050503-5789-3

SPECIFICATIONS

DETECTOR: 1, 2, 3, 4, or 5-gas detector

Gas	Measuring range	Resolution	TWA	STEL	LOW	HIGH
O ₂	0-30.0%	0.1	N/A	N/A	19.5	23.5
CO	0-999 ppm	1.0	35	50	35	200
H ₂ S	0-300 ppm	1.0	10	15	10	15
PH ₃	0-5.0 ppm	0.1	0.3	1.0	0.3	1.0
SO ₂	0-100 ppm	0.1	2	5	2	5
NO ₂	0-99.9 ppm	0.1	2.0	5.0	2.0	5.0
HCN	0-30.0 ppm	0.1	4.7	10.0	4.7	10.0
Cl ₂	0-50.0 ppm	0.1	0.5	1.0	0.5	1.0
NH ₃	0-100 ppm	1.0	25	35	25	50
ClO ₂	0-1.00 ppm	0.01	0.1	0.3	0.1	0.3
O ₃	0-1.00 ppm	0.01	0.1	0.1	0.1	0.1
PID	0-1000 ppm	1.0	50	100	50	100
LEL	0-100% LEL 0-5% v/v	1% High Range Resolution	N/A	N/A	10%	20%

Auto zero: Yes

Calibration: Automatic

Backlight:

Sensor:

User field options:

ALARM INDICATORS:

Visual alarms:

Audible alarm:

Vibrator alarm:

Status alarms:

ALARM LEVELS:

LCD:

Gases monitored:

Gas concentration:

Peak (max)/STEL/
TWA ppm or %:

Alarm setpoints:

Calibration due date:

Clock:

TESTS:

Full function self-test:

Battery:

GENERAL SPECIFICATIONS:

Operating temperature:

Humidity:

EMI/RFI:

Protection:

Battery Options:

Size:

Weight:

WARRANTY:

DATALOGGER OPTIONS:

Data recorder:

Sampling rate:

Storage:

Standard Mode: low light (auto); alarm condition (auto); reactivation on demand
 Alarm Only Mode: alarm condition (auto); reactivation on demand
 Stealth Mode: backlight inactive; audible and visual alarms silenced
 PID (VOC) 10.6 eV lamp; plug-in, electrochemical cell (toxic and oxygen); catalytic (LEL)
 Confidence beep, set STEL period, force calibration on start-up, enable / disable sensor, pass code protection, latching alarms, span level, passed calibration user-lockout option, "SAFE" display function, stealth mode, fast pump, oxygen auto-cal on start-up, alarm only backlight mode, combustible gas measurement (% LEL or % by volume methane), LCD language option, STEL calculation choice, TWA calculation choice, combustible correction factor options, user-settable calibration gas level, clock
 Clearly advises alarm conditions with audible, visual, and vibrator alarms
 Two flashing alarm bars visible from all angles
 LCD indicates gas present and alarm levels encountered
 Typically 95 dB at 1 ft. / 30 cm variable pulsed audible alarm
 Pulses warning in gas alarm conditions, or for any status alarms
 Low battery, over range, multiple gas / pump and failed or missing sensor
 Instantaneous Low Alarm for all gases; Instantaneous High Alarm for all gases; TWA (time-weighted average) and STEL (short-term exposure limit) for toxics/VOCs
 Continuous, alphanumeric gas readout and status display advises:
 VOCs (PID), H₂S, CO, O₂, SO₂, PH₃, NO₂, NH₃, HCN, Cl₂, ClO₂, O₃ and/or combustibles (0-100% LEL or 0-5.0% methane)
 Simultaneously and continuously displays gas concentration(s) for all sensors (in ppm, % LEL, or % v/v)
 Records exposures and displays on demand
 Displayed on activation and on demand
 In days remaining (on start-up)
 Real-time clock setting displayed on start-up
 Sensor integrity, circuitry, battery and audible/visual alarms on activation
 Continuous
 Rugged, composite material; two-shot molded polymer case with integral anti-shock boot
 14 to 104°F / -10 to 40°C VOC (PID); -4 to 122°F / -20 to 50°C other gases
 0 - 95% RH (non-condensing)
 Complies with EMC Directive 89/336/EEC
 Highly water resistant and dust proof housing
 12 hours on three AA alkaline cells or 10 hours on rechargeable "hot-swappable" battery pack when equipped with PID, oxygen, combustible and TwinTox (H₂S/CO) sensor
 5.7 x 2.9 x 1.5 in. / 14.5 x 7.4 x 3.8 cm
 13.1 oz. / 370 g
 Full 2-year warranty including all sensors (1 year PID lamp and NH₃ sensor)
 User-downloadable datalogger
 All events and occurrences (calibration zero adjustment, calibration span adjustment, gas readings, TWA, STEL, alarm condition, failures detected by the microprocessor).
 Factory set at 5-second intervals and user-settable from 1 to 127-second intervals
 2 months of continuous data at 5 second intervals via 32 MB Flash MMC card (64 MB and 128 MB cards also available); when full, the wrap-around feature replaces oldest data with most recent data

DUE TO ONGOING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

RATINGS AND CERTIFICATIONS:
 (Intrinsic safety)



Class I, Div. 1, Gr. A, B, C, D
 American Bureau of Shipping**

ATEX: CE II 1 G T4**
 EEx ia IIC T4**

IECEX: Ex ia IIC T4**
 **in progress

Locally distributed by:



INLEC, supporting you to deliver a world class service, every day, in every sector ...



OUR COMMITMENT TO YOU

A wealth of knowledge and experience.

You can take advantage of expert advice to ensure you get the best, most appropriate and cost effective equipment for the job. We supply a wide variety of industries, so if there is another way to do the job or save you time and money we'll pass on the benefit of our experience for free.

Honest advice, just a phone call away.

If we don't have a particular item, rather than hiring you something that won't do the job, we would rather direct you to an alternative supplier. You will always be provided with full instructions and if you still need help, call our technical team on Nationwide Low Call 0333 6000 600. Our aim is to save you time, frustration and money.

Top quality equipment from major manufacturers.

With Inlec you'll get the most accurate, reliable and well-maintained equipment available. Prices are regularly reviewed to ensure you always enjoy the best value for money. We have made a significant investment in test equipment so we ensure that it's well packed to minimise damage and delay.

We really do listen to you.

You won't waste your time contacting Inlec. Every request for equipment is logged and carefully considered. Listening to our customers helps keep our product range up to date and relevant. If you are unhappy about any aspect of our service please let us know so we can put it right.

YOUR 5 WAY GUARANTEE

1 GUARANTEE SAME DAY DESPATCH

We understand why prompt delivery is important to you. So, if we confirm your order before 3pm, you are guaranteed same day despatch.

2 OUR PRICE GUARANTEE

Inlec guarantee you real value for money. Our price match policy is simple - if you can hire the same product for less elsewhere, we guarantee to match that price and reduce it by a further 10% of the difference - and still deliver our industry leading technical and customer support.

For full details check our price-match guarantee online

3 TOP QUALITY GUARANTEED

All equipment is thoroughly checked prior to dispatch to ensure you receive it in full, safe working order. Your shipment will be securely packed and include manufacturer's instructions, accessories or consumables and a valid calibration certificate where appropriate. In addition, Inlec offer a 24 hour replacement service if you decide the equipment is not suitable for your application*.

4 FRIENDLY, KNOWLEDGEABLE ADVICE GUARANTEED

Inlec are happy to provide you with free advice, from an unbeatable team of experienced, knowledgeable and friendly engineers and hire experts.

5 YOUR GUARANTEE OF THE BEST CUSTOMER SERVICE

Throughout your hire we will work hard to ensure you enjoy the very best in support and service from Inlec. We guarantee you won't find better service anywhere in the industry.

*subject to availability and conditions

Europe's leading Test Equipment Hire Specialist



LAB NO. 0535



Nationwide Low Call 0333 6000 600

Online: www.inlec.com

Inlec UK Ellerbeck Way, Stokesley Business Park, Stokesley N Yorkshire TS9 5JZ United Kingdom



CERT. NO. GB93/1773



Accredited Contractor