

The 4-component (dual compensated) optics block is the heart of the Searchpoint OPTIMA PLUS. It is specifically designed to compensate for changes in the external environment similar to 2-component design, but also compensates for long term component drift such as infrared source and detector. The combined with the de-focused lens provides the Searchpoint OPTIMA PLUS with the most stable optics design possible.

Being in this dominant position has no doubt that we have established our clear relationships with key users. In fact, we have been listening carefully and working together with them to make the best ever battery life a direct result of customer feedback. Searchpoint Excel is a superior to align and has the highest of an industry standard NO2/CO digital output.

This optional barrier fitted inside the standard weather protection provides additional protection against ingress of dust and contamination entering the optical path.

The Impact range of portable multi-gas monitors is able to monitor and display up to four gases simultaneously.

Experienced scientists maintain a constant watch over the environment when performing the calibration and they are skilled at handling the very best.

## Honeywell Analytics Gas Detection Product Guide

# In this brochure...



## Experts in Gas Detection

4 - 5

With over 200 collective years of expertise in manufacture, design and innovation it's no wonder Honeywell Analytics is widely recognised as the definitive gas detection expert. Learn more about the company's impressive history and its many technological firsts since its conception nearly 50 years ago.



## Portable gas detection

6 - 7

When you're on the move or working in confined spaces, Honeywell Analytics' range of portable gas detection units provide a robust and reliable way to keep safe and avoid potential hazards.



## Fixed gas detection

8 - 11

The fixed gas detection range features products suited to all types of applications and industries; from high-end, high functionality devices that use the most advanced detection technologies, to low-cost, low-maintenance systems ideal for the compliance market. Whatever your individual requirements, we have a fixed solution for your business.



## Semiconductor/Hi-Tech

12 - 13

When it comes to scientific laboratory work, the most sensitive instrumentation is required. Semiconductor products feature a number of fixed and portable solutions, ideally suited to monitoring low levels (p.p.b.) of toxic and flammable gases.



## Consumer/Residential

14

For peace of mind in the home, Honeywell Analytics' range of Carbon Monoxide and gas alarms provide easy to use protection for the whole family.



## Technical Services

15 - 16

We also offer a large range of additional services, support and maintenance options.



Impulse XT



Impulse XP



MSTox



Impulse X4



Impact,  
Impact Pro and  
Impact IR



Enforcer



Safelink



IAQ Probe



Safe-T-Cube

## Detectors



Signalpoint



Signalpoint  
Pro



Sensepoint



705 Series



Sensepoint  
Plus



Sensepoint  
Pro



Series 3000  
XPIS



Sensepoint  
RFD



Apex



Searchpoint  
Optima Plus



Searchline Excel

## Controllers



Unipoint



Touchpoint 1



Touchpoint 4



Metro System



System 57



Comet



Satellite XT



Satellite EX



Midas®



Model IR-148



Vertex™



ACM 100 FT-IR



CM4



SPM Single Point  
Monitor



ChemKey™ TLD



Chemcassette®



SF350EN  
Alarms



SF340 Series  
Alarms



Z10 Domestic  
Alarm



Z10 LPG Boat  
Alarm



e'sense  
Alarm



Putting you first



Our Services



Range of Support



Use our expertise



Additional services

# Experts in Gas Detection

## History and heritage...



**Honeywell Analytics has been continuously evolving since its conception nearly 50 years ago. The company was established in the UK in 1959 by gas detection pioneer and inventor of the first reliable catalytic bead, Joshua Sieger. Sieger, a keen lover of boats, developed the idea from a general consensus in boating circles that there was a need for a reliable gas detection device. The Siegistor was launched by J&S Sieger Ltd with great effect and set the benchmark for catalytic bead flammable gas detection technology.**

Following the immense success of catalytic bead technologies, J&S Sieger Ltd.'s reputation grew rapidly, attracting the interest of some major organisations. In 1961 the company was commissioned by Shell to devise an entire gas detection system for its white oil storage depot in Gibraltar.

In 1979 Zellweger Analytics, a division of the Zellweger Luwa group, acquired J&S Sieger Ltd., marking the company's entry into flammable gas detection. Over the next 17 years, a number of additional brands were acquired and brought into its growing family, including Neotronics Technology, acquired in 1996. In addition to the range of industrial and commercial gas detectors, the company was able to move into the residential and consumer sector with the advent of its first Carbon Monoxide detector in 2000.

In 2005 market leader Honeywell acquired Zellweger Analytics to join its Life Safety Division and the company was renamed Honeywell Analytics. Today, Honeywell Analytics has offices all over the World and sells its products globally to all types of industries and applications.

Thanks to its unique understanding of customer needs and constant and unwavering commitment to developing new technologies, Honeywell Analytics remains the global leader in gas detection and a name that is synonymous with the highest standards of product, service and innovation.



## Innovation and expertise in perfect synergy...



**Honeywell Analytics is not only the market leading supplier of gas detection equipment, accessories and services, but a pioneering force behind the industry with an unrivalled offering of technical expertise. The Honeywell Analytics ethos is strong and simple – to provide an all-encompassing resource for all things gas detection related and to set the benchmark for standards and expertise in the industry.**

As the gas detection experts, Honeywell Analytics brings together nearly 200 collective years of expertise in design, manufacture and technology.

- » First to supply competent optical based gas detection
- » First with the replaceable sensor cartridge concept, providing fast and simple sensor replacement
- » First to introduce Surecell™ toxic gas detection technology, providing reliable operation in hot and humid environments
- » First to introduce Chemcassette® (easy to replace paper tape sensing technology)
- » First to gain British kite mark and European approvals for domestic CO alarms
- » First to successfully automate sensing element manufacturing, resulting in improved reliability and performance
- » First to introduce an addressable fixed gas detection system, reducing the cost of installation
- » First to utilise intrinsic safety concepts in industrial gas detection, enabling sensors to be hot swapped in hazardous areas
- » First to supply fit-for-purpose open path infrared gas detection technology, providing a greater area of coverage

Adaptability and innovation are key themes at Honeywell Analytics. The company's comprehensive product range has an option suited to every type of application or industry. A strong commitment to service and understanding the unique needs of its customers ensures that Honeywell Analytics remains the premier provider of gas detection solutions, and a name that is synonymous with excellence.

In addition to the extensive product range, Honeywell Analytics also provides a number of authoritative platforms, providing a comprehensive offering of knowledge, expertise and information on every aspect of gas detection.

These include the website, **www.honeywellanalytics.com**, known as the definitive resource for anyone wanting to learn more about the subject in its entirety.

**Honeywell Analytics –  
Experts in Gas Detection.**

# Portable gas detectors

## The Honeywell Analytics range of portable gas detectors

Portable gas detection offers great flexibility and is particularly suited for personal use and for confined space entry. Our products offer a wide array of robust, portable devices to protect personnel and property.

### Single Gas Detectors



#### Impulse XT

- » Instant gas detection, out of the box
- » 2 year, no calibration required
- » Simple one button operation
- » Comprehensive sensor options
- » Minimum training required
- » Ultra clear backlit display
- » Effective gas alarm indication
- » Excellent EMC/RFI performance
- » Temperature compensation feature
- » Cell output decay feature
- » ATEX approved
- » Real-time display also available

✓



#### Impulse XP

- » Advanced, full feature functionality
- » Cost-effective serviceability
- » Comprehensive sensor options
- » Ultra clear backlit display
- » Effective gas alarm indication
- » Excellent EMC/RFI performance
- » Temperature compensation feature
- » Cell output decay feature
- » ATEX approved

✓



#### MSTox

- » Digital readout continuously displays ambient gas levels
- » Audio and visual alarms alert you to hazardous situations quickly and effectively
- » No dynamic gas calibration required
- » Earphone capability for use in areas with high noise levels
- » Dual-level concentration alarms
- » Rugged high impact exterior
- » Small lightweight design
- » Specific gas response

✓

### Multi-Gas Detectors



#### Impulse X4

- » Detects up to 4 gases simultaneously
- » Lightweight and small in size - convenient to carry or wear
- » Rugged construction for practical use, with little risk of damage
- » Designed for 24/7 use in industrial environments
- » Provides reliable continuous personal protection against hazardous gases
- » Comes complete with everything you need for immediate gas detection
- » Datalog capability
- » ATEX approved

✓

✓



## Impact, Impact Pro and Impact IR

- » Detects up to 4 gases simultaneously
- » Also detects a further 2 toxic gases
- » Rugged personal gas detection for difficult to access areas
- » Sensors are housed in disposable or serviceable cartridges
- » Disposable cartridge can be re-calibrated within 2 minutes using Enforcer, our unique calibration accessory
- » Ready to go, out of the box
- » Easy to use and simple to maintain
- » Half the ownership cost of comparable products
- » Can be used with a drop line, hand aspirator (or via a pump on the Impact Pro)
- » ATEX approved
- » Impact Pro IR includes a range of advanced infrared (IR) optical sensors with models available to detect %LEL or %VOL methane and CO<sub>2</sub> with long-term stability

✓ ✓



## Safelink Communication Device for Impact Series

- » Allows linking between two Impact Pros
- » Ensures compliance with regulations
- » Enables two-way communication in difficult areas
- » Enhanced safety by allowing remote monitoring
- » Allows for two-way message exchange
- » Full data integrity check eliminates false alarms

✓ ✓



## Enforcer Calibration Accessory for Impact Series

- » Portable bump testing for Impact and Impact Pro and Impact IR
- » Testing and callibration within 1 minute
- » Reduce instrument downtime
- » No need for third party maintenance
- » Minimal training required
- » Calibration history recorded by instrument

✓ ✓



## Indoor Air Quality Probe

- » Simultaneous monitoring of four parameters: (CO), (CO<sub>2</sub>), (RH) and temp. (T)
- » Less than 77 days of datalogging capacity (optional)
- » Audible, visual and vibrating alarms
- » Menu-driven operation
- » Infrared port
- » Proven sensing technology (IR and electrochemical)

✓

## Transportable Devices



## Safe-T-Cube Area Monitor for Impact Series

- » Enables Impact to be used for area monitoring
- » Portable and robust with shock resistant metal case
- » Convenient carrying handle
- » Two sounders on either side for greater sound distribution
- » Two tone sounder to alert operators in noisy environments
- » High intensity Xenon beacon
- » 360° visibility
- » Integral battery
- » Suitable for use in zone 0, 1 and 2 hazardous areas

✓

Honeywell Analytics has a large team of industry experts who are always happy to answer questions or advise on products, applications and services. In addition to this we also have a fully comprehensive website with a wealth of information available.

For more information visit [www.honeywellanalytics.com](http://www.honeywellanalytics.com)

or email us on: [gasdetection@honeywell.com](mailto:gasdetection@honeywell.com)

# Fixed gas detectors

## The Honeywell Analytics range of fixed gas detectors

Our range of fixed gas detection equipment features a variety of options, suited to all applications and industries. Whether you require a device with high functionality and specification or an entry level system to help your business become compliant with legislation, we have a fixed detection solution to suit.

## Detectors



### Signalpoint

- » Flammable, toxic and Oxygen gas detectors
- » Flammable detector hazardous area certified
- » Designed to the latest standards for performance
- » Long life poison resistant catalytic beads, typically >5 years
- » Toxic version has integral alarm LED indicator ring
- » IP54 enclosure for indoor non-aggressive environments
- » Easy maintenance
- » Simple sensor and enclosure lid replacement assembly

✓ ✓



### Signalpoint Pro \*

- » Toxic and Oxygen gas detectors
- » IP66 enclosure for outdoor applications
- » Certified intrinsically safe for use in designated hazardous areas to European and North American standards
- » Typical 2 year operational life
- » 2 wire, 4-20 mA loop powered
- » Integral gas concentration display

✓ ✓



### Sensepoint

- » Flammable, toxic and Oxygen gas detectors
- » ATEX certified Exd for use in designated hazardous areas
- » Proven sensor technology: Surecell™ electrochemical sensors and poison resistant catalytic bead
- » Fast speed of response
- » Typical 2 to 5 years operational life
- » IP 65/66 for use in outdoor locations or areas subject to hose down
- » A high temperature flammable version is available certified to +150°C

✓ ✓



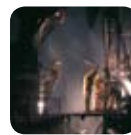
### 705 Sensor

- » Flammable gas detectors
- » UL certified explosion proof for use in designated hazardous areas
- » High resistance to catalytic poisoning
- » Fast speed of response
- » Corrosion resistant aluminium construction
- » 5 year warranty
- » High temperature version certified to 150°C available

✓ ✓

\* Available late 2007. Contact your local sales operation for more details.





## Sensepoint Plus Transmitter with Sensor



- » Flammable, toxic and Oxygen versions available
- » Proven sensor technology: Uses Surecell™ electrochemical sensors and poison resistant catalytic bead sensors
- » Suitable for indoor or outdoor use
- » Integral field wiring terminal enclosure
- » ATEX and UL certified for use in designated hazardous areas
- » IP65 as standard
- » Fast and reliable
- » Industry standard 4-20mA output
- » Plug-in sensor replacement
- » All necessary accessories included
- » User configurable settings
- » Integral Zero and span adjustment capability

✓ ✓

## Sensepoint Pro Transmitter with Sensor



- » Flammable, toxic and Oxygen versions available
- » Integral gas concentration display
- » ATEX and UL certified for use in designated hazardous areas
- » IP65 - suitable for indoor or outdoor use
- » Fully configurable via intrinsically safe, Infrared remote control
- » Proven sensor technology: Uses Surecell™ electrochemical sensors and poison resistant catalytic bead sensors
- » Industry standard 4-20mA output
- » Two user configurable relay outputs
- » One-man non-intrusive operation
- » Plug-in sensor replacement
- » All necessary accessories included

✓ ✓

## Series 3000 XPIS Transmitter with Sensor \*



- » Toxic gas transmitter
- » 2-wire loop powered 4-20mA format
- » Uses pre-configured smart sensor technology
- » Integral gas concentration display
- » Non-intrusive one man operation/configuration
- » Intrinsically safe sensor connection enables hot swap sensor exchange
- » Remote sensor mounting capability: up to 15m (50ft) away
- » Gases available: Oxygen, Hydrogen Sulphide, Carbon Monoxide, Ammonia and Sulphur Dioxide

✓ ✓

## Sensepoint RFD Transmitter \*



- » Flammable gas transmitter for use with Sensepoint and 705 flammable gas sensors
- » 3 wire 4-20mA format
- » Atex and UL certified for use in designated hazardous areas
- » Configurable ranges 0-20% LEL and 0-100% LEL
- » Integral gas concentration display
- » Intrinsically Safe infrared controller: No need to open enclosure or obtain hot work permit
- » Sensors can be mounted direct onto the transmitter or remotely up to 30 metres
- » Two user configurable relay outputs

✓ ✓

## Apex Transmitter with Sensor



- » Highest performance flammable and toxic gas detector
- » Sensor can be remotely mounted up to 100m from the transmitter
- » On board relays allow for local audible / visual alarms
- » Intuitive menu operating system
- » Transmitter recognises new sensor cartridges
- » Easy to change gas types
- » Large clear backlit graphical LCD display
- » Smart cartridges are supplied pre calibrated
- » Common transmitter for all gas types (over 40 detectable toxic gases and a wide range of flammable gases)
- » Simple filter replacement
- » Robust, stainless steel housing

✓ ✓

\* Available late 2007. Contact your local sales operation for more details.

# Fixed gas detectors (cont...)



## Searchpoint Optima Plus Point Infrared Gas Detector

- » Flammable gas detectors
- » No undetected failures
- » Fast speed of response
- » Reduced routine maintenance
- » Can detect a wide range of Hydrocarbon gases including solvents
- » Increased reliability with no moving parts
- » Increased stability from self compensating optics
- » Immune to long term component drift improved diagnostics
- » Integral event logging
- » Reduced power consumption
- » Ideal for use in harsh environments or where catalytic poisons are present

✓ ✓



## Searchline Excel Open Path Infrared Gas Detector

- » Wide coverage area
- » Fail-to-safe operation
- » Available in 4 model versions: Short Range (5-40m), Medium Range (40-120m), Long Range (120-200m) and Cross Duct (for detection of Hydrocarbons within HVAC air intakes and ventilation ducting systems up to 5m in length)
- » Outstanding severe weather performance (e.g. fog, snow and rain)
- » Immune to sunlight
- » Fast response time (T90 in less than 3 seconds)
- » Industry standard 4-20mA outputs and optional Modbus RS485 multidrop
- » Single operator true Alignment System: No need for software based alignment tool

✓ ✓

## Controllers



## System 57 Controller

- » High precision intelligent controller
- » Flexible modular design
- » Clear LCD display
- » Flexible I/O configuration
- » Accepts inputs from flammable and toxic gas detectors as well as a large range of flame, smoke and heat detectors and manual call points
- » Available outputs include relays, analogue signals and digital communications
- » Wall mounted or panel mounted racks
- » Gas control cards; 3 alarm levels
- » Sensor performance monitoring
- » Configurable alarms
- » Master/voted alarm options
- » Fire control cards; up to 60 zones per 19" rack
- » Fire status panel, provides common display and alarm indication
- » Master alarm update panel provides alarm management
- » Power supply units
- » Engineering card provides secure maintenance and set-up
- » Works as a stand-alone system or can be integrated into an existing safety system

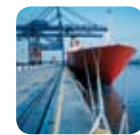
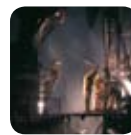
✓ ✓



## Unipoint

- » Controller for use with one gas detector
- » Suitable for small and medium integrated systems
- » Ultra-clear backlit display
- » Built-in audiovisual alarms
- » Intuitive menu system with simple push button operation
- » Easy to mount: TS35 ("top hat") DIN rail mounting
- » Additional units can clip together
- » 3 wire mV bridge, 2 and 3 wire 4-20mA inputs
- » Fully user programmable scale and units
- » 3 x alarm relays
- » 1 x system fault relay

✓ ✓ ✓



## Touchpoint 1



- » Controller for use with one gas detector
- » Self-contained, wall mounted enclosure
- » Ultra-clear backlit display
- » Built-in audiovisual alarms
- » Intuitive menu system
- » Simple push button operation
- » 2 x alarm relays
- » 3 wire mV bridge, 2 and 3 wire 4-20mA inputs + AC and/or DC operation
- » 1 x system fault relay
- » Compatible with all Sensepoint gas detectors
- » Fully user programmable for scale, units and calibration

✓ ✓ ✓

## Touchpoint 4



- » Can be used with up to 4 Sensepoint gas detectors at once
- » Self-contained, wall mounted enclosure
- » Ultra-clear backlit display
- » Built-in audiovisual alarms
- » Intuitive menu system
- » Simple push button operation
- » 3 wire mV bridge, 2 and 3 wire 4-20mA inputs + AC and/or DC operation
- » 2 x alarm relays
- » 1 x system fault relay
- » Compatible with all Sensepoint gas detectors
- » Fully user programmable for scale, units and calibration

✓ ✓ ✓

## Metro System



- » Low cost controller
- » Installation costs minimised
- » Automatic and manual operation with override facility
- » Fast and reliable
- » Complies with relevant standards
- » For use with flammable and toxic Metro addressable detectors
- » Auto-backlit display for dark environments
- » Unhindered access to large terminal compartment
- » Up to 2 x 125 detectors over 2 x 1Km (3000 feet)

✓ ✓

Coming soon...



## Vulcain range of products

The Vulcain range of gas detection systems features a number of fixed and portable options for a diverse array of industries. Each product is entirely customisable, ensuring

that individual needs are met with a tailor-made solution. For more detailed information on this product range, please contact a member of our sales team



## Manning Systems range of products

The Manning Systems range specialises in the delivery of high-quality Ammonia leak detection devices. The sensors within this range are specifically suited to

performance in the most hostile environments, making these units ideally suited to a wide range of industries including food processing and storage industries

# Semiconductor/Hi-Tech gas detectors

## The Honeywell Analytics range of Semiconductor/Hi-Tech gas detectors

For labs and many other applications where low levels of toxic and flammable gases need to be detected, our Semiconductor/Hi-Tech range of products provides sensitive, high-functionality devices ideally suited to these types of environments.



### Comet

- » Digital (LonWorks®) and Analogue (4-20mA) available
- » No sensor extension cable necessary
- » No dynamic gas calibration required
- » Continuous real-time monitoring
- » Interchangeable intelligent sensor cell
- » Small, low cost device
- » Sensor diagnostics

✓ ✓



### Satellite XT Transmitter with Sensor

- » Wide range of toxic, corrosive and combustible gas sensors available
- » Continuous real-time monitoring
- » Low cost of ownership
- » Interchangeable intelligent sensor cell
- » No dynamic gas calibration required
- » Generic sensor head electronics
- » 4-20mA or LonWorks® interface
- » Optical built-in Relay

✓ ✓



### SatEx Transmitter with Sensor

- » Available for any kind of detected gas
- » Fast, reliable, specific gas detection
- » Continuous real-time monitoring
- » Interchangeable intelligent sensor cell
- » No dynamic gas calibration required
- » Low cost of ownership
- » Directly compatible with LonWorks®
- » Sensor diagnostics

✓ ✓



### Midas® Extractive Transmitter with Sensor

- » Over 40 gases available
- » Smart sensor cartridge with on-board 'e-calibration' certificate
- » Power over Ethernet (PoE) comms/power platform
- » Keypad Interface and remote Web Browser Interface
- » Pyrolyzer and LonWorks® interface optional modules
- » Modbus/TCP Ethernet for easy connectivity
- » Bright LEDs and intuitive icon driven
- » Reflex® sensor health check
- » TempuraSure™ temperature compensation technology

✓ ✓



### CM4

- » Continuous monitoring of toxic gases on 4 points
- » Total surveillance all the time
- » Utilises Chemcassette® technology
- » Analogue and serial outputs for easy installation
- » 300' (90m) sampling distance monitors can be positioned conveniently with minimal fab intrusion
- » LonWorks® interface available permitting peer to peer communication and low cost of installation
- » Serial printer option for archiving all important events and system configurations

✓ ✓



## Model IR-148 Infrared

- » Detects wide array of gases and solvents including HCFCs, HFCs and PFCs
- » Uses a detection technique that prevents the occurrence of cross-interfering gases
- » 4-20mA sourcing (dependant on configuration) RS23C (standard), RS422 or RS485 (optional module)
- » Detects down to ppm
- » Ideally suited to high humidity environments (0-99% non-condensing with no effect on reading)

✓ ✓



## ChemKey™ TLD

- » Portable, flexible and interference-free toxic gas detection
- » Battery operated or line powered
- » Exclusive Chemcassette® detection is gas specific, sensitivity to ppb levels with physical evidence
- » Low maintenance and no dynamic gas calibration
- » Variety of signal outputs to meet monitoring needs
- » Over 50 gases available, ChemKey™ TLD allows switching target gases easily

✓ ✓



## SPM Single Point Monitor

- » Fast response monitor specific to target gas only
- » Gas sensitivity to ppb levels with physical evidence
- » Minimum maintenance and no dynamic calibration
- » Customised for harsh industrial environments
- » More than 50 gas calibrations available

✓ ✓



## Chemcassette®

- » Combines ppm/ppb sensitivity with interference-free response and physical evidence
- » Uses colormetric detection principle: Paper changes colour when exposed to gas
- » Colour change is measured optically and converted to a direct ppm/ppb value of target gas

✓ ✓



## Vertex™

- » Touch screen for easy access to data
- » Software updates via CD-ROM or network to all system components
- » Radio frequency identification tag (RFID)
- » Optional Chemcam® camera permits viewing of stain, locally or remotely, for proof of gas event
- » Up to 72 points of continuous gas detection

✓ ✓



## ACM 100 FT-IR

- » Versatile and proven Fourier Transform Infrared technology
- » Central Monitor for up to 40 detection points
- » Detects a wide range of volatile chemicals
- » Modular setup
- » 80 programmable Relays
- » Web-based user interface
- » Touch screen user-friendly interface
- » Optional Interfaces: Allen Bradley, Modbus, Profibus etc. available

✓ ✓

# Consumer gas detectors

## The Honeywell Analytics range of consumer gas detection

It is not only at work that people need to be protected from the threat of gas. Residential properties are susceptible to the threat of Carbon Monoxide, and our consumer range of CO alarms offer protection and peace of mind in the home.



### SF350EN/SF450EN Self-Contained Carbon Monoxide Alarm

- » Europe's best-selling domestic Carbon Monoxide alarm
- » Advanced Eco-Sure® electrochemical sensor technology
- » Audio / visual warnings in advance of dangerous levels of CO
- » Complete accuracy and reliability for 5 years (under normal operating conditions)
- » Approved and kite marked to: EN50291:2001 (the European Standard for domestic Carbon Monoxide alarms)

✓ ✓ ✓



### SF340 Hard-wired Carbon Monoxide Alarm

- » Offers comprehensive protection against CO leaks
- » Advanced Eco-Sure® electrochemical sensor technology
- » Audio / visual warnings in advance of dangerous levels of CO
- » Complete accuracy and reliability guarantee (10 years on main unit, 5 years on each sensor module)

✓ ✓ ✓



### Z10 Series Alarms

- » Offers a comprehensive warning of natural gas or LPG flammable gas leaks
- » Ideal for use in the home and caravan
- » Approved and kite marked to: EN50194 (the European Standard for domestic gas alarms)
- » High and low level alarms – provides an early warning of any potential danger

✓ ✓ ✓



### e2sense Portable Flammable Gas Detector

- » Pen-shaped detector ideal for the detection of hazards from pipes, fittings, valves and hot water heaters etc.
- » Needs no calibration
- » Easy to use – simply point and click
- » Detects: Natural Gas, Propane, Butane, LPG and LNG

✓ ✓

Honeywell Analytics has a large team of industry experts who are always happy to answer questions or advise on products, applications and services. In addition to this we also have a fully comprehensive website with a wealth of information available.

For more information visit [www.honeywellanalytics.com](http://www.honeywellanalytics.com)

or email us on: [gasdetection@honeywell.com](mailto:gasdetection@honeywell.com)

# Technical Services

## Maximum up-time and peace of mind



**At Honeywell Analytics, we believe in the value of great service and customer care. From the initial enquiry to final order, our highly skilled team is on hand to provide advice, training and service that fits individual requirements. For us, service and customer care is so much more than providing on-going maintenance of equipment or the standard post-sales offering typified by so many companies.**



### Putting you first

Our key commitment is providing complete and total customer satisfaction. We understand that all our customers have unique needs and with this in mind we take a flexible approach to delivering support and additional services. All elements of our service offering

can be customised to suit individual requirements.

Honeywell Analytics' ethos is strong and simple; to put each and every customer first and look after their individual needs, removing any unnecessary downtime.



### Some of our services

As part of our complete customer commitment we offer a variety of service and support options, here are just a few examples:

- » On-site support and maintenance
- » Field and emergency call out
- » Expertly trained, qualified personnel on-hand to resolve issues
- » Fully equipped workshops to ensure quick turnaround on repairs
- » Global network of service and repair facilities
- » Preventative/corrective maintenance
- » Repair and maintenance of third party gas detectors
- » Extended warranties on products

**Whatever your requirements, Honeywell Analytics has the solution to minimise downtime and maximise peace of mind.**

If you would like any further information about any of the Technical Services offered by Honeywell Analytics please visit: [www.honeywellanalytics.com](http://www.honeywellanalytics.com) or email [ha.emea.service@honeywell.com](mailto:ha.emea.service@honeywell.com) and we will be in touch.

# Additional Support

**We're with you every step of the way**



**At Honeywell Analytics we put our customers first. We believe in delivering an “End to End” service and customer support, which means every customer gets the help they need, when they need it. Each customer is unique and important. With this in mind, we ensure the same level of customer commitment and support to all applications, industries and businesses.**



## **A comprehensive range of support**

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We offer our customers so much more than just maintenance, field support and training. In fact our full range of additional support initiatives means that we are able to support you every step of the way; from product

advice and site evaluations helping you to choose the right system for your budget and application, right through to supporting you throughout the life of your product or safety system.



## **Use our expertise**

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Honeywell Analytics offers exceptional expertise. Our diverse range of field support, project managers, and engineering specialists are considered to be some of the most skilled in the gas detection

industry. With this in mind, we not only provide excellent, market-leading products, but back them up with unrivalled expertise and unwavering support.



## **Additional services and support**

---

There are a number of additional services we can offer:

- » Site evaluation
- » Pre-installation support
- » Custom drawings and CAD designs
- » Installation supervision (including wiring and device operation)
- » FAT Testing and site acceptance
- » Project management
- » Third party device support
- » Ad hoc maintenance (even when you don't have a maintenance contract)



# The Gas Book

If you would like to learn more about the diverse subject of gas detection, get your **FREE** copy of the **Gas Book** today!

The Honeywell Analytics Gas Book is a **FREE** full-colour handbook, which features a wealth of detailed information on just about everything related to gas detection.

The handbook is intended to offer a simple guide to anyone considering using gas detection equipment and it provides additional information on a wide array of topics including:

- » Introduction to gas hazards (flammable/toxic/asphyxiant) - learn about the different types of gas hazards and how they can affect the human body
- » Principles of detection - take a look at the principles we use to detect gas, how they work and the benefits of using one method over another
- » Portable gas detection - learn about the use and implementation of portable gas detection devices and the applications they are suited to
- » Hazardous area standards and approvals - learn about the different hazardous areas gas detection devices are used in and why
- » Equipment markings - understand the different markings that appear on gas detection equipment and what they mean
- » Area classification - take a look at the classification systems for hazardous and non hazardous areas and learn why such classification is so important
- » Apparatus design - examine product design and why gas detection systems look as they do
- » Apparatus classification - learn about the different groups such as operational temperature classifications of a device
- » Ingress protection of enclosures - learn about how detectors are protected from water and dust ingress
- » Gas detection systems - take a look at how a larger, integrated safety system works
- » Glossary of common terms - get up to speed with all the buzz words of gas detection.



For more information simply fill in your details below, cut out the card and send it back to us.

Name:

Company:

Address:

Postcode:

Telephone:

Email:

Contact: By phone  By email  By post

## Product range information requested:

|                    |                          |                |                          |
|--------------------|--------------------------|----------------|--------------------------|
| Portables          | <input type="checkbox"/> | Fixed          | <input type="checkbox"/> |
| Consumer           | <input type="checkbox"/> | Semi-conductor | <input type="checkbox"/> |
| Technical Services | <input type="checkbox"/> | Training       | <input type="checkbox"/> |

## Select your language preference by ticking a box below to receive your Gas book

|         |                          |         |                          |                    |                          |       |                          |
|---------|--------------------------|---------|--------------------------|--------------------|--------------------------|-------|--------------------------|
| English | <input type="checkbox"/> | French  | <input type="checkbox"/> | Italian            | <input type="checkbox"/> | Dutch | <input type="checkbox"/> |
| German  | <input type="checkbox"/> | Spanish | <input type="checkbox"/> | Simplified Chinese | <input type="checkbox"/> |       |                          |
| Russian | <input type="checkbox"/> |         |                          |                    |                          |       |                          |

# Product Training and Expertise

## Keeping you up-to-date with modern technology



**Due to the functional complexity and safety critical aspects of gas detection equipment, training is advisable to ensure devices are used properly. As part of our customer commitment we offer a range of training courses to enable customers to feel confident about using our products.**

This flexible service can be tailored to suit individual needs. We have training facilities on-site but we can also carry out training in the field if required.

- » Training on operating your gas detector including initial set-up
- » Training on how to maintain your gas detector
- » Introduction to gas detection principles

- » Application specific training on the choice and implementation of gas detection systems

To receive further information about Honeywell Analytics Training Department, please email us at

**ha.emea.service@honeywell.com**  
or goto: **www.honeywellanalytics.com**  
to find out more.



**Honeywell**



### **Honeywell Analytics**

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# Quality Assurance

## Our commitment to quality



**At Honeywell Analytics we believe in providing the highest standards in quality. Our commitment to quality is unwavering and we consider it a key element in everything we offer. With this in mind, every aspect of our business is carefully controlled to ensure that these standards are continually met within the products and services we supply.**

A strong company culture of process control, inspection and quality testing governs all aspects of the work we do at Honeywell Analytics; from initial design conception right through to product manufacture and subsequent support in the field.

Using the Honeywell Operating System model, which implements principles such as LEAN and Six Sigma to monitor, control and develop our processes and production, we are able to uphold the high standards in quality that our customers expect.

### **Quality Accreditations:**

As part of our commitment to quality assurance, we are approved to both ISO 9000:2001 (Quality Management) and ISO 14001:2004 (Environmental Management Systems) and ATEX QAN EN 13980:2002.

### **Process Control and Manufacture:**

At Honeywell Analytics all aspects of manufacture and production are controlled. Many of the products we produce are certified to ATEX standards as well as additional third party accreditations that include ExAM (Germany), GOST (Russia) and Inmetro (Brazil).

We also have an advanced system of in-house inspection and process auditing, which governs all aspects of the manufacture process. This means that everything from the raw materials we receive from third-party suppliers right through to how we make our gas detection devices is carefully controlled throughout the manufacturing process.

# Our Product Range



## Fixed Gas Monitoring

Honeywell Analytics offers a wide range of fixed gas detection solutions for a diverse array of industries and applications including: Commercial properties, industrial applications, semiconductor manufacturers, energy plants and petrochemical sites.

- » Detection of flammable, oxygen and toxic gases (including exotics)
- » Innovative use of 4 core sensing technologies – paper tape, electrochemical cell, catalytic bead and infrared
- » Capability to detect down to Parts Per Billion (ppb) or Percent by Volume (%v/v)
- » Cost effective regulatory compliance solutions

## Portable Gas Monitoring

When it comes to personal protection from gas hazards, Honeywell Analytics has a wide range of reliable solutions ideally suited for use in confined or enclosed spaces.

These include:

- » Detection of flammable, oxygen and toxic gases
- » Single gas personal monitors – worn by the individual
- » Multi-gas portable gas monitors – used for confined space entry and regulatory compliance
- » Multi-gas transportable monitors – used for temporary protection of area during site construction and maintenance activities

## Service and Support

At Honeywell Analytics, we believe in the value of great service and customer care. Our key commitment is providing complete and total customer satisfaction. Here are just a few of the services we can offer:

- » Full technical support
- » Expert team on hand to answer questions and queries
- » Fully equipped workshops to ensure quick turnaround on repairs
- » Comprehensive service engineer network
- » Training on product use and maintenance
- » Mobile calibration service
- » Customised programmes of preventative/corrective maintenance
- » Extended warranties on products.

### Find out more

[www.honeywellanalytics.com](http://www.honeywellanalytics.com)

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While every effort has been made to ensure accuracy in this publication, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This publication is not intended to form the basis of a contract.

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