

GasDetector

from the Experts in Gas Detection

ISSUE 1



Content In This Issue:

The Future of Gas Detection see page 4

Also: Case Study - Impact Pro Helps Firefighters Across Europe!
Product Focus | Honeywell Analytics - The World's Favourite
Industry News | More about our products and services



Honeywell Analytics
Experts in Gas Detection



Welcome

introduction

Welcome to the first edition of GasDetector, Honeywell Analytics' new quarterly newsletter! Packed full of industry information and in-depth features, GasDetector provides a glossy, informative insight into gas detection, and how Honeywell Analytics – one of the World's leading gas detection equipment suppliers – is shaping the industry!

In this issue, we take a look at the future of gas detection. From its humble beginnings over 60 years ago to the latest innovations in technology, we examine the trends and developments shaping the industry, and analyse Honeywell Analytics' place as innovator and originator of gas detection's many milestones.

Impact Pro is gaining an ever-growing reputation as one of the World's best portable multi-gas detectors. Discover just why Impact is the preferred portable gas detector of so many fire brigades across Europe.

If you thought gas detection was only relevant to industries like oil and gas and petrochemical processing, think again! In truth, the need for gas detection surrounds us every day, and is an important part of many businesses safety systems. In our feature Honeywell Analytics – the World's Favourite, we take a look at a handful of the more prominent household brands Honeywell Analytics works with, providing gas detection equipment.

This issue also features a product focus where we take a look at three of our star products – the Impact, Excel and Unipoint.

We hope you enjoy this first issue of GasDetector. If you have any news or information you would like to contribute to future issues of GasDetector, we would love to hear from you. Please use the contact details below – we look forward to hearing from you! ■

Andi Thompson
Managing Director, Honeywell Analytics, EMEA

For more information about the products and services offered by Honeywell Analytics, please visit our website:

www.honeywellanalytics.com

or contact us direct on **+41 (0) 1 943 4300**

If you have any news or information to contribute, please contact Gemma Bayless:

Email: gemma.bayless@honeywell.com
Direct line: **+44 (0)1202 645510**

Contents

■ Welcome	2
■ News update	3
■ The future of gas detection	4-6
■ Case Study - Impact Pro helps firefighters	8
■ Product focus	9
■ Honeywell Analytics - The World's favourite	10
■ Our products and services	12

Credits

MarComms Manager	Tracy Dawe	tracy.dawe@honeywell.com
Senior Editor	Gemma Bayless	gemma.bayless@honeywell.com
Design and Artworking	Paddy Thorne	paddy.thorne@honeywell.com
Production Executive	Gail Hathaway	gail.hathaway@honeywell.com
Contributing Writer	Don Galman	don.galman@honeywell.com

To contribute to future editions of GasDetector, please call Gemma Bayless on +44 (0) 1202 645510 or email her on gemma.bayless@honeywell.com.

Disclaimer

GasDetector Magazine is provided as a courtesy to our colleagues in the gas detection and life-safety community. While we make every attempt to ensure the accuracy of all information contained herein, product specifications are always subject to change. Under no circumstances should product or code information published in GasDetector magazine be considered a substitute for written instructions from the manufacturer or authority having jurisdiction. Always follow proper installation and maintenance practices, including carefully reading and understanding manufacturers' instructions before attempting to install, operate or maintain any life-safety equipment.

Honeywell Analytics
Experts in Gas Detection



news update

Carbon Monoxide (CO) Awareness Campaign Sparks Large Sales of SF350EN CO Alarm!

Following the recent media coverage surrounding CO poisoning in the UK and abroad, Honeywell Analytics' SF Detection brand has seen record orders for its SF350EN CO alarm. The SF Detection team has been working closely with organisations like COGDEM and Corgi to raise awareness.

Adrian Keats, UK Account Manager comments, "using a CO alarm is the only way to stay safe, and know for sure that



you are not being exposed to CO. We have seen a massive increase in orders for our SF350EN CO alarm since the recent media publicity. More people are becoming aware of the risks, which is great and we hope that one day, people will think of CO alarms like smoke alarms – an essential safety device for every home." ■



It's Show Time!

Honeywell Analytics will be attending a large number of trade shows this year across the globe! We will also be showing off our brand new image which includes new stand designs and new graphics.

Events Manager, Gail Hathaway comments on the new image and increased show presence. "Following on from the successes of recent years, we will be visiting more shows than ever in 2007. We will also be unveiling our new trade show image, and our team of highly skilled representatives will be on hand to demonstrate product. So if you're interested in gas detection equipment, come and visit our stand.

Spring/Summer Shows:

Safety and Health

Birmingham: 22/05/07 – 24/05/07

Caspian Oil and Gas

Baku: 05/06/07 – 08/06/07

CIH (Chartered Institute of Housing)

Harrogate: 19/06/07 – 21/06/07

MIOGE

Moscow: 26/06/07 – 29/06/07

If you would like more information about Honeywell Analytics' CO Alarms please call one of our Sales Representatives on **+44 (0)8005 974777** or visit **www.honeywellanalytics.com** to view our entire range.



New Direction for Technical Services

We are proud to announce the appointment of Mike Ross as our new Leader of Technical Services EMEA. Mike, who has been with the company for 19 years, will take control of the department and oversee its running and continued development. ■

New Consumables Reminder Service!

Have you ever forgotten to order new sensor cartridges before your old ones have expired? Now there is no need, thanks to our new reminder service, which prompts you to re-order without having to note the expiration date of your sensors.

If you are interested in signing up for this **FREE** service, please email tracy.dawe@honeywell.com for more information. ■

Honeywell Welcomes MST Technology into the Fold!

Honeywell is proud to announce its recent acquisition of MST Technology. The company is a global supplier of innovative fixed and portable gas detection solutions, and features an impressive product portfolio. Particularly suited to labs and applications where the detection of low levels of gas is required, its range features a number of leading toxic, corrosive and flammable gases. The MST range will be integrated into Honeywell Analytics' product portfolio over the next few months. ■

the future of gas detection



the future of gas detection

From little acorns...

Gas detection has come a long way over the last 60 years. The advent of new technology has brought with it not only innovations in detection such as catalytic bead, electrochemical cell, semiconductor and infrared, but enabled devices to be more user-friendly via intelligent software, require less maintenance and testing, reduce fixed costs and perform more reliably. And no other company has had such an impact upon this evolution as Honeywell Analytics, the pioneers and inventors of many of the industry's milestone technologies.

From commercial gas detection's humble beginnings in 1959 when Joshua Sieger invented the first stable catalytic bead to the latest innovations in Open Path technology, Honeywell Analytics has played a key role in forming industry developments, earning an enviable position as both the global market leader and definitive gas detection expert.

Now owned by the industry leader Honeywell, since 2005, Honeywell Analytics itself has come a long way too. Since its conception in 1959 under the name J&S Sieger Ltd the company has undergone a number of changes and evolutions including being acquired in 1979 by Zellweger and adding an impressive array of additional brands to its portfolio. Today, Honeywell Analytics has offices all over the World and sells a large and comprehensive range of products globally to all types of industries and applications. From carbon monoxide detectors used in homes to protect families from poisonous gases to the latest infrared technology protecting people and plant on offshore oil platforms from risk of explosion, Honeywell Analytics' name is one that is synonymous with the highest standards of product, service, innovation and expertise.

Milestones....

Over the last 60 years a wave of new technology has washed over the industry, bringing with it a wealth of varied products and systems. There have been a number of major milestones in gas detection's history; after the success of the World's first commercially viable catalytic bead for flammable gas detection - the Siegistor - J&S Sieger Ltd's reputation rapidly grew, attracting the interest of some major organisations.

Chemcassette® technology was developed by the company in 1971, providing unique, tangible evidence of a presence of gas; using colorimetric paper tape which changes colour when exposed to the specific target gas. 1986 saw the invention of one of the first point infrared-based flammable gas detectors, the 5050, marking the company's migration into infrared technology. Infrared flammable gas detection was enhanced further in 1988 with the evolution of Open Path technology in partnership with Shell, based on their conceptual idea. The commercially available version, known as the Searchline, was the first hazardous area certified Open Path detector on the market. It even featured on Tomorrow's World, a prime-time technology television programme airing in the United Kingdom!

When the company launched Series 2000 in 1992 (a range of certified gas transmitters), it brought to market the first complex product certification combining increased safety and Intrinsic Safety concepts in one design. This revolutionary device provided simplified sensor replacement in hazardous areas without the need for a hot work permit.

Building on the existing electrochemical cell technology for detecting toxic gases, many manufacturers tried to develop the basic cell construction in an attempt to improve performance in harsh environments. However, it was Honeywell Analytics' radical re-design of the electrochemical technology that led to the launch of the Surecell™ in 2000, now the World's leading and most reliable electrochemical cell, particularly in high temperature and high humidity environments. The company was also the first to fully automate sensor production of the Surecell™, eradicating the traditional errors and faults associated with manual production.

The Impact portable gas detector was launched by the company in 2001; this was the first time that a multi-gas portable detector had replacement multi-sensor cartridges with 'plug and play' operation. At the time of the Impact release, an automatic calibrator was introduced named Enforcer. This was the first device to offer full calibration at the cost of a bump test, revolutionising the maintenance of portable devices with over 200 calibrations from a single gas cylinder where previously only 15 were possible.

And it is not only in the commercial and industrial sector that Honeywell Analytics has acted as key innovator and industry pioneer. The company also provided the first mass produced Carbon Monoxide detector for the home, the SF310 in 2001 and a subsequent model, the SF350 was the first to get a kite marked European approval. Today, the SF Detection team is one of the key industry players involved in trying to change the legislation around the use of Carbon Monoxide detectors in the home, and actively campaigns to raise awareness and save lives.



Future Trends and Technology

So what does the future hold for gas detection? Infrared technology has provided a stable, effective platform for detecting flammable gases and in the guise of Open Path technology, looks set to stay the distance. Steve Forrest, Marketing Leader for Honeywell Analytics EMEA comments that the latest developments in Open Path technology have been helped by a decrease in component costs. "Technology convergence is the key to introducing the next generation of Open Path devices, based on LDS science (Laser Diode Spectroscopy). Lasers developed for the international telecommunications boom have driven down essential component costs resulting in an opportunity to develop competitive solutions. This could not have been done competitively five or more years ago". These comments highlight the importance of technological advancements in other areas, which are positively impacting upon the gas detection industry.

A key trend in the evolution of gas detecting systems is the streamlining of existing technologies. This is directly linked to changes in industry, with a need for easy and low cost maintenance solutions. A drive towards more intelligent software is making the use of gas detection units ever easier, meaning that operators don't need to be experts themselves. Kevin Dean, Marketing Manager for Honeywell Analytics EMEA has worked in the industry for over 25 years. Dealing directly with customers he has a unique perspective on industry trends. "The feedback we are getting from the market place is that businesses want easy to use devices that don't compromise on functionality. Business owners want less costly devices which provide the necessary safety without large, ongoing maintenance costs, so we are evolving our product lines to meet these demands". In line with this evolution, devices and components are becoming "smarter", safer and more self maintaining. A key development is the movement away from the "dumb sensor" principal where a sensor is not able to self-monitor or warn of a potential fault in favour of the "smart sensor" principal where a set of internal electronics in the sensor itself are able to monitor its performance, warn of potential faults and alert when a fault has occurred. It is no wonder systems such as Open Path, which are seen to have a high integrity, fail to safety and be less costly than using a higher number of point infrared detectors and their associated installation costs, are superseding other existing technologies.

Wireless communications are also making an impact on the gas detection market and will become more prolific as battery life is extended. There are many potential benefits from the technology including reducing installation costs, as less cabling is required. With this in mind, it is inevitable that future devices will come to market with wireless capabilities.



Revolutions in sensor technology look set to further evolve gas detection devices. Based on current research and development, the market place can expect a new generation of sensors in the future that are likely to be smaller, more intelligent and capable of attaching to almost any surface. They will be able to self-test, check and communicate with other sensors wirelessly, and have the potential to monitor additional factors such as humidity and temperature.

There are also some exciting technologies emerging from the existing offering. Phased array technologies are maximising the sensing potential of infrared and laser devices. The principle uses multi-element probes, where groups of elements can be individually computer-controlled. This means that a single phased array probe can perform the sensing tasks that normally need many probes and multiple scanning passes. Key benefits include faster results, more accuracy and greater flexibility with testing equipment.

In line with the customer demanding "more for his money", manufacturers are also developing products with more functionality and spec. Enhanced hazard ratings and concepts such as XPIS (Explosion Proof, Intrinsically Safe) are becoming popular as part of this drive towards functional excellence. Ian Adamson, Sales Director for Honeywell Analytics EMEA has a detailed understanding of the market place and the trends that are taking place within it such as the "spend now or pay later" philosophy. "The consumer isn't afraid to shop around and research the best value option with the most functionality. Our customers want more for their money and enhanced functionality and safety are becoming an increasingly important factor in the sale. One of the initial drivers has been compliance and at the lowest possible cost. Although for many this is still the key concern, we are seeing more companies starting to consider the life cycle costs involved and are opting for higher spec devices that are more affordable over time."

Did you know?

The word gas was coined in 1650–60 by J. B. van Helmont (1577–1644), a Flemish chemist. It comes from the Greek word for chaos.

Continued on page 6 ►►►

the future of gas detection

continued from page 5



The gas detection industry itself is becoming less diverse and fragmented due to continued market consolidation. Larger manufacturers are emerging with streamlined product portfolios and greater production power. This will eventually lead to reduced product costs for customers.

Customer relations and the provision of technical and support services are also becoming more important than ever. And rather than something that occurs after the sale has taken place, service is now an all-encompassing offering, being more about an ongoing commitment to the customer, and removing unnecessary hassle wherever possible. With businesses striving for increased efficiency, these additional services and solution bundles are an increasingly important element. Mike Ross, Leader of Technical Services for Honeywell Analytics EMEA, highlights the importance of total customer care and providing

the highest level of technical service. "Good service is essential and at Honeywell Analytics we create strong relationships with our customers by responding to their individual needs. Manufacturers are taking more responsibility for maintenance due to a decrease in in-house support so manufacturers have to have good systems in place if they want to win business today. By offering a comprehensive and professional customer service and technical support, we are able to provide our clients with complete solutions. We even service multi-brand gas detection and safety equipment! Our unrivalled commitment to each and every one of our existing or potential customers is in fact one of the key reasons we have such a wide array of customers who remain loyal for many years. It is this fully comprehensive, "end to end" service, coupled with our excellent product offering that defines us as THE gas detection experts."

Legislation will continue to have a great impact upon the industry. The current loose standards governing the use of gas detection will soon be revised to prevent misinterpretation. Continued pressure to reduce exposure limits will no doubt impact greatly upon the toxic gas detection market, and make the advent of more sensitive devices even more relevant and well placed.

Like the ever-changing ripples of water, gas detection is evolving in a fluid and rapid fashion. The small acorns of yesteryear have flourished and grown into the mighty oaks of today, and whatever the future holds for gas detection, one thing can be said for certain. The World will definitely be a safer place, for people and property alike. ■



Industry Pioneers

- » First for optical technology
- » First with the sensor cartridge concept
- » First for electrochemical cell technology
- » First with Surecell™ sensor technology improving performance of electrochemical sensing
- » First with the Chemcassette® cartridge
- » First for domestic CO sensing
- » First for automated sensor manufacturing, removing error associated with manual manufacture
- » First for digital communications protocol
- » First to utilise complex product certifications to simplify operation and maintenance
- » First with a centralised customer support facility
- » First to set the standard for Open Path gas detection technology in the industry



Did you know?

High levels of O₂ increase the flammability of materials and gases – at levels such as 24%, items such as clothing can spontaneously combust!

gas detection



'True pioneers and innovators come but once in a lifetime'

From the development of the first catalytic bead during the last century, through to production of today's market leading detection solutions, Honeywell Analytics has always delivered expertise in gas detection. Since Joshua Sieger's ground breaking concepts in the 1960's, we have been at the forefront of detection innovation - from drawing board to life saving product.

Honeywell Analytics is not only the market leading supplier of gas detection equipment and accessories, but a pioneering force behind the industry with an unrivalled offering of technical services - you could say we are the true Experts in Gas Detection. The simple brilliance of our product range speaks for itself, as does the unrivalled quality of service and support we offer our customers.

The Impact is a compact, lightweight and rugged portable detector designed for tough environments and ideal for confined spaces. With disposable plug and play pre-calibrated cartridges that can be changed over in less than a minute, the Impact is capable of monitoring up to four gases simultaneously. With a design optimised for ease of use and features that offer unrivalled versatility, it's no wonder that Impact is the number one portable gas detector for so many varied facilities and applications.

Honeywell

Experts in Gas Detection
Call us free on 0800 333 222 44 or visit www.honeywellanalytics.com
© 2007 Honeywell International Inc.



Impact Pro helps firefighters across Europe!

Technically versatile, ready-to-use, reliable, affordable and user-friendly: these are the requirements for gas detection devices used by firefighters today. Mobile safety provided by portable gas detectors has to protect people and property from hazardous situations, and this is why so many professional fire departments, plant fire response teams and voluntary fire organisations in Europe rely on Honeywell Analytics' innovative Impact Pro multi-gas detector.

Professional fire departments across Germany, including those in Münster, Cologne and VSU Solvay, have chosen Impact Pro over competitor products due to accuracy, ease of use, reliability and cost effectiveness. In Switzerland, the Swiss Firefighters Association has also approved the Impact Pro, optional Enforcer calibration unit and Safelink communication system after an extensive evaluation process: a contributing factor in this choice being the support of six languages in the standard configuration process as well as cross-language functionality. Elsewhere, public safety institutions have chosen Impact Pro as standard, such as the United Kingdom's Fire and Rescue Service which has equipped its new Incident Response Units with Impact Pro units to help ensure best response to major incidents.

The Impact Pro is ideal for the personal protection of firefighters when entering a potential hazard zone where many unknown factors must be determined, as well as for protecting evacuees in situations where levels of oxygen may be dangerously low or Carbon Monoxide fumes present. Intuitive one-button operation, self-testing sensors and instantaneous value display of up to four gases are all part of the user-friendly safety concept for fire response units; the compact size and light weight of the units make it practical and easy to use in every situation. Other key elements of the Impact Pro include clear visual, acoustic and vibration signalling



of alarms with three thresholds of different frequencies, as well as peak value display and cumulative average determination for toxic gas hazards.

Firefighters are often faced with the toughest of operating conditions making the design of gas detection units of key importance. Impact-resistance, rugged construction and being waterproof to IP67 standard are key elements of Impact Pro design; The units are immediately available for operation and easily maintainable, making it ideal for firefighters as responses to fire alarms cannot, by their nature, be scheduled in advance.

Many fire departments, as well as corporate plant fire teams, state firefighting schools, training centres and professional organisations, have adopted the combination of the Impact Pro multi-gas warning device along with its innovative sensor cassette technology. This enables the user to replace all sensors in two minutes, with no intervention from an outside service company necessary. The maintenance process of the Impact Pro is further facilitated by the Enforcer, a portable testing and calibration unit that performs quick recalibration without external power sources. And because not only the initial cost of equipment but also the maintenance cost are decisive criteria today, all of the above means the Impact Pro has optimal availability, with minimal maintenance time and manageable service costs. In the unlikely event that outside assistance should be required, a competent service team can be on site within a short space of time. ■





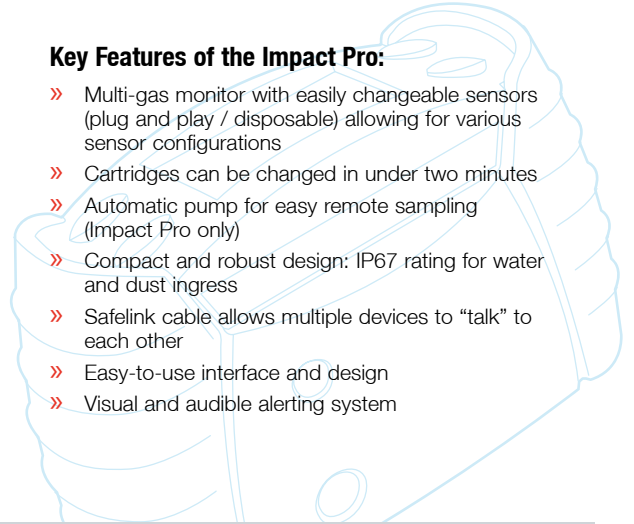
Impact and Impact Pro



The Impact range of portable gas detectors are highly adaptable multi-gas monitors, ideally suited for use in confined spaces, closed environments or to protect personnel on the move. With a design optimised for ease of use and features that offer unrivalled versatility, it's no wonder that the Impact is the number one portable gas detector for so many varied facilities and applications.

Key Features of the Impact Pro:

- » Multi-gas monitor with easily changeable sensors (plug and play / disposable) allowing for various sensor configurations
- » Cartridges can be changed in under two minutes
- » Automatic pump for easy remote sampling (Impact Pro only)
- » Compact and robust design: IP67 rating for water and dust ingress
- » Safelink cable allows multiple devices to "talk" to each other
- » Easy-to-use interface and design
- » Visual and audible alerting system



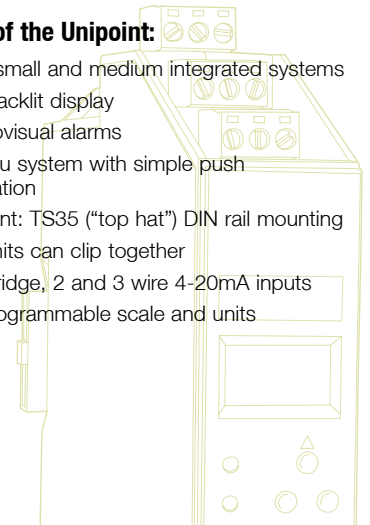
Unipoint



The Unipoint is a simple to install and operate DIN rail mounted controller which provides a low-cost and flexible solution to incorporate flammable, toxic and Oxygen gas detection into a small/medium integrated system. The controller offers excellent versatility and can be easily mounted into any plastic or metal enclosure for use both inside and outside. The Unipoint can even be situated in a potentially explosive atmosphere if it is mounted inside an explosion proof enclosure.

Key Features of the Unipoint:

- » 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



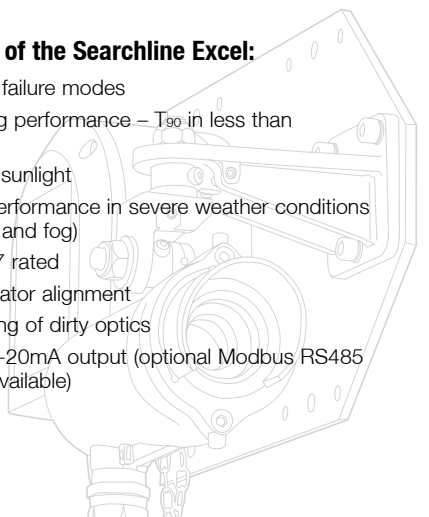
Searchline Excel



The Searchline Excel is an Open Path infrared Hydrocarbon gas detector. Comprising of a separate transmitter and receiver, the Searchline Excel is able to deliver a wide, dynamic range in terms of distance and immunity to sunlight, enabling maximum on-line time. The Searchline Excel also has an outstanding performance in harsh weather conditions such as fog, snow and rain.

Key Features of the Searchline Excel:

- » No unseen failure modes
- » Outstanding performance – T_{90} in less than 3 seconds
- » Immune to sunlight
- » Excellent performance in severe weather conditions (rain, snow and fog)
- » IP66 & IP67 rated
- » Single operator alignment
- » Early warning of dirty optics
- » Standard 4-20mA output (optional Modbus RS485 multidrop available)



Honeywell Analytics



the World's favourite

It would be wrong to assume that gas detection is only relevant to petrochemical processing plants or oil refineries. In fact, if you have ever been to a car park or public venue, you will have probably been less than 100ft away from a gas detector! In truth, the need for gas detection surrounds us each and every day, as we work, socialise and relax. And rather than a niche industry within life safety, gas detection is all around us, and an essential safety device that aids the production and manufacture of some of our most favourite and best recognised products and services.

At Honeywell Analytics, we work with many types of business, from small family run ventures to the massive conglomerates and global players we are all familiar with. Aside from the obvious destinations for our equipment, you may be surprised to know that we work with a wide array of easily recognisable brands and household names across Europe, that manufacture a dazzling assortment of varied products.

Here are just a few of them...



BMW use our gas detection devices in their German plants to ensure safety when performing engine testing on new vehicles. The products they use include System 57 with the Sensepoint range of transmitters.



We also provide detection devices to Lamborghini to ensure proper safety when they are testing vehicle engines in their Italian plants. The ranges we supply include System 57 with the Sensepoint range of transmitters.



We supply Carlsberg UK with System 57 and Opus devices to use in their UK brewing plants. These are needed to monitor Ammonia used in the chilling process when they are producing lager.



The popular frozen food manufacturer, McCain, uses our Sensepoint transmitters with Programmable Logic Controllers (PLCs). These are used to protect their Dutch plants from an Ammonia leakage during the production process.



The premier provider of analogue solutions, National Semiconductor, uses a number of our devices to monitor gases used in the production of their electronic chips in UK plants. Our Chemcassette® based units (Vertex and CM4) monitor a wide range of gases.



We also work with regional brewer, Hall & Woodhouse to provide protection for their Dorset, UK based brewery. Again, they use our devices to detect Ammonia and Carbon Dioxide used during the production process.



Riedel EDE, manufacturers of the popular Appelsientje brand (apple juice drink), use our gas detectors in their Dutch plants. The devices are used to monitor Ammonia which is used in the cooling process.



The global food giant, Unilever, producers of the no 1 margarine Becel/Flora, use our Apex gas detection systems to monitor Ammonia used in the cooling process in their UK production plants.

Did you know?

It's not just gas that holds a potential threat - dust can also be explosive! Examples of explosive dusts include polystyrene, cornstarch and iron.

Just like gas detection itself, Honeywell Analytics' products can be found Worldwide in every type of application and industry. ■

Whatever your requirements, we have a solution to ensure the safety of plant and personnel. Why not give us a call today and see how we can help you?

Call NOW on: **+41 (0)1 943 4300** or visit: **www.honeywellanalytics.com** for more details.

Visit the Experts on line

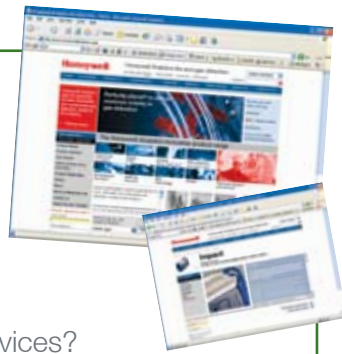
Need to know more about Honeywell Analytics products and technical services? Visit our website

www.honeywellanalytics.com

You'll find a wealth of information including product releases, downloadable datasheets and technical specs, special offers, training schedules and resources, application notes, press releases, details of trade shows where you can visit us and contact information. If you have accessed our site before, it's worth another look – the site is constantly evolving and information is regularly updated. You're sure to find something of interest every time you visit.

Why not register to receive product and software updates while you're there or leave us some feedback about this newsletter? Alternatively, if you'd like to talk to one of our in-house gas detection Experts in person, you can request a call using our on-line enquiry form. ■

www.honeywellanalytics.com – add it to your favourites and make sure you stay up-to-date with developments in the gas detection industry!



The Honeywell Analytics Gas Book

Do you want to become an Expert in all things gas detection? Order a copy of our Gas Book now! It's an extremely popular, clear and concise guide to gas detection, suitable for any business operating in potentially toxic or combustible environments.

Offering straightforward answers to the most commonly asked questions on gas detection, it provides a fantastic reference point for you and your business. Among topics covered are an introduction to the principles of gas, types of gas hazards, hygiene monitoring, toxic exposure limits, international safety standards, installation requirements and service recommendations. ■



To register for your free copy or, if you prefer, to arrange to talk through your application with one of our Experts, log on to

www.honeywellanalytics.com/GB

Technical Services – Putting you First, Every Step of the Way

At Honeywell Analytics, we believe in the value of great service and customer care. We put our customer's needs first because we believe they are the most important aspect of our business. 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. 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. Honeywell Analytics' ethos is strong and simple; to put each and every customer first and look after their individual needs, removing any unnecessary hassle!



We offer a wide array of services that include:

- » 24 hour technical support, 7 days a week
- » Logistics management
- » Expertly trained staff and engineers on-hand to resolve issues
- » Fully equipped workshops to ensure quick turnaround on repairs
- » Comprehensive network of service and repair engineers
- » Training on product use and maintenance
- » Calibration service
- » Preventative/corrective maintenance
- » Repair and maintenance of third party gas detectors
- » Extended warranties on products

Whatever your requirements, Honeywell Analytics has a solution to minimise downtime and maximise peace of mind! To find out more or speak to one of our representatives, visit: www.honeywellanalytics.com/techservices

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

Technical Services

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

Contact Honeywell Analytics:

Europe, Middle East, Africa

Life Safety Distribution AG
Wilstrasse 11-U11
CH-8610 Uster
Switzerland
Tel: +41 (0)44 943 4300
Fax: +41 (0)44 943 4398
gasdetection@honeywell.com

Technical Services

ha.global.service@honeywell.com

www.honeywell.com

Americas

Honeywell Analytics Distribution, Inc.
400 Sawgrass Corporate Pkwy
Suite 230
Sunrise, FL 33325
USA
Tel: +1 954 514 2700
Toll free: +1 800 538 0363
Fax: +1 954 514 2784
detectgas@honeywell.com

Asia Pacific

Honeywell Analytics Asia Pacific
#508, Kolon Science Valley (1)
187-10 Guro-Dong, Guro-Gu
Seoul, 152-050
Korea
Tel: +82 (0)2 2025 0307
Fax: +82 (0)2 2025 0329
analytics.ap@honeywell.com

Please Note:

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.