



Powerful Solutions for Quality Assurance in Utilities

**LEAK DETECTION AND GAS ANALYSIS FOR
GAS, WATER, TELECOM AND POWER**

INFICON – when reliability and security really count

Utilities strive to maintain the infrastructure needed in daily life. To assure these utilities remain safe and efficient, these networks are regularly surveyed. Service organizations operate according to strict regulations to ensure safety, prevent disruptions and quickly solve problems. Fast, reliable and easy-to-use instruments are critically important in these demanding environments.

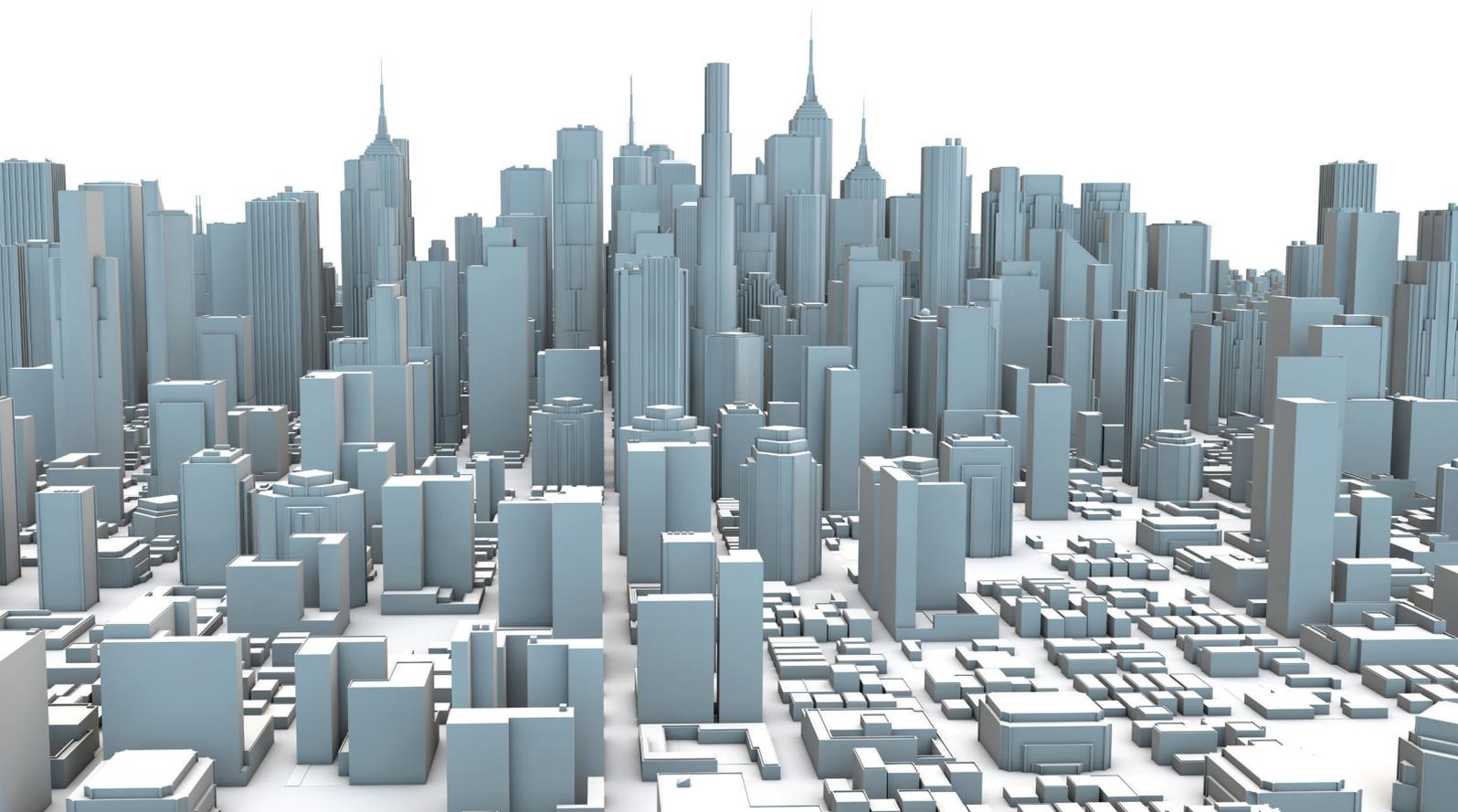
INNOVATIVE TECHNOLOGIES

INFICON leak detection methods are based on detecting gas leaking from a system. No matter if the gas is normally present in the system, such as natural gas in a pipeline, or is a tracer gas injected into the system for leak detection purposes. INFICON proprietary sensors combine extremely high sensitivity and fast response with a wide dynamic range.

ROBUST DEVICES

INFICON products deliver accurate and reliable results on-site. This saves valuable time and provides the data needed to make decisions quickly and confidently. Our products are built to withstand continuous use in tough environments and varying atmospheric conditions. A wide range of smart accessories facilitate the inspection job whether it is leak detection in a confined space or maintaining an entire gas network above ground.

These innovative tools meet the rigorous regulations and directives in place to protect the complex infrastructure the public relies on every day.





D-TEK® SELECT REFRIGERANT LEAK DETECTOR

Fast and reliable detection of sulfur hexafluoride (SF6) makes D-TEK Select a great tool for high voltage circuit breaker and other switchgear maintenance. Proprietary infrared sensor technology provides 1,000 hours of sensor life to reduce maintenance cycles and costs.



IRWIN® METHANE LEAK DETECTOR

Pinpoint methane leaks quickly and accurately with no cross sensitivity and be confident that the leak you have found is not a false alarm. This methane detector for survey of natural gas pipeline networks uses a proprietary IR-sensor measuring from 1ppm to 100% methane. The instrument can also include safety sensors and is accompanied by innovative and modular accessories for increased efficiency and comfort. Ex ia IIC T3, for zones 0, 1 and 2 / Div 1 and 2, IP54.



GAS-MATE® COMBUSTIBLE GAS LEAK DETECTOR

Quickly and safely detect leaks of combustible gases and flammable refrigerants. GAS-Mate provides industry best sensitivity and ease of use to help get the job done right.



EXTRIMA® EX-CERTIFIED HYDROGEN LEAK DETECTOR

For safe and easy leak detection in explosive zone 0 environments, where hydrogen leaks are pinpointed with centimeter accuracy, even in high background conditions. Extrima is an intrinsically safe hydrogen leak detector for safe and efficient maintenance of hydrogen cooled systems, or where hydrogen is a safety issue. Ex ia IIC T3, for zones 0, 1 and 2 / Div 1 and 2, IP67.



SENSISTOR® XRS9012 HYDROGEN LEAK DETECTOR

Find leaks faster and pinpoint the exact leak location. This portable detector is for exact locating of leaks on pressurized telecom cables, water mains, supply pipes and indoor hot water circuits. Accessories enable search on lids, soft and hard surfaces, as well as in ducts. Uses diluted hydrogen (Forming gas 5/95) as tracer gas for tracing leaks.



WHISPER™ ULTRASONIC LEAK DETECTOR

Spend less time looking for leaks. Whisper's ultrasonic technology detects leaks in any pressurized gas or vacuum environment. This versatile tool can also help with checking seals, mechanical parts like bearings, and steam traps.



MICRO GC FUSION® GAS ANALYZER

Accelerate and simplify on-site natural gas analysis, including calorific value measurement and odorization compliance determination with this transportable gas chromatograph. Fast and reliable analysis is available on the spot, avoiding sample transportation delays and potential contamination on its way to a lab.

Ensuring Safety and Service Quality

INFICON products are designed to ensure safety and service quality in gas, water, energy and telecom. INFICON is one of the world's largest manufacturers and proven suppliers of instruments for leak detection and gas analysis.



GAS

Gas leaks are a big risk both for safety and health. The need to uncover troubles quickly puts extremely high demands on the equipment used for gas pipeline surveys and associated tasks. Reliable and accurate determination of natural gas, calorific value and odorization compliance on-site boost productivity and significantly shorten the time to action.



WATER

Fast leak location in underground water pipes, regardless of pipe material, saves utilities money and assures reliable service to consumers.



TELECOM

An effective solution to prevent water from penetrating copper telecom cables is to pressurize them. Even a small leak can lead to major problems and disruptions in communications. The trick is to find where to repair.



POWER

In power generation and distribution systems, very high demands are put on leak tightness. Hydrogen-cooled equipment and water cooled systems must be checked to ensure optimum performance and safety.



- ▲ Group administration/management
- Manufacturing
- Sales entities and office

Superior Product Support

INFICON is a world leader in gas analysis and leak detection equipment and has a global network of experts to provide fast and local product support. INFICON has the resources, expertise, and experience to develop innovative, reliable instruments that help ensure quality and safety in gas, water, telecom and power applications.

INFICON, which employs 1,000 people worldwide, is headquartered in Switzerland and has world-class manufacturing facilities in Europe, the United States and China, as well as subsidiaries in China, Finland, France, Germany, India, Italy, Japan, Korea, Liechtenstein, Singapore, Sweden, Switzerland, Taiwan, the United Kingdom and the United States. For more information, visit www.inficon.com.

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Due to our continuing program of product improvements, specifications are subject to change without notice.

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