

#### INFICON PROVIDES WORLD-CLASS INSTRUMENTS FOR GAS ANALYSIS. MEASUREMENT AND CONTROL

INFICON believes that a deep understanding of our customers' challenges and their visions for success are paramount to everything we do. These long-standing partnerships and the

commitment to see our customers succeed inspire our dedicated, talented employees to develop and build marketleading instruments that are a winning combination of outstanding innovation and

proven performance. And we value the trust our customers have in us to take risks, move fast and continue learning as we push the limits of technology to help them succeed.

#### SERVING GLOBAL AND DIVERSE MARKETS



- Optics
- Semiconductor Solar



Petrochemical







# World-Class Manufacturing And Support



#### MEETING YOUR NEEDS THROUGH RESPONSIVE MANUFACTURING

We employ flexible manufacturing lines that are designed and staffed to build to customer demand. Furthermore, our Total Quality Management involving SixSigma methodology and ISO registration programs stress team-driven, continuous improvement and continuous attention to process and product specifications. Due to the design of the lines, the

accuracy of the documentation, and the flexibility of our employees, we manufacture more rapidly and efficiently to meet your specific demands.

Combined with advanced supply chain management, we are able to reduce manufacturing cycle-times to offer you on-time delivery of high-quality product.

needs. Training can be scheduled

on-site at your facility or at one of

our locations worldwide. We also offer seminars that will expand

your knowledge of our products and their applications to your real-

world problems. And customized

service agreements are available

to fit your requirements.

# Improving Productivity,

**Quality and Security** 

Corporate Overview





INFICON is ISO 9001 and ISO 14001 registered at our main locations. Most of our instruments are manufactured RoHS compliant.

#### COMMITTED TO WORLDWIDE CUSTOMER SUPPORT

Our customer support centers, strategically located around the world, ensure you have global access to comprehensive sales, installation, training, application support, and repair services. Experienced people and modern systems work together to handle your requests in an accurate and timely manner. Our technical

support personnel understand your process and operational requirements and can translate this knowledge into a competitive advantage for your business.

To optimize your use of our advanced technology, we offer new-user and expert training which includes hands-on experience to meet your specific





INFICON manufacturing locations include Germany, Liechtenstein and the United States.

INFICON is a publicly traded company on the SIX Swiss Stock Exchange under the symbol IFCN.



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



## Maximizing Productivity And Yield

#### IMPROVING EFFICIENCIES IN DISPLAY, OPTICS, SEMICONDUCTOR, AND SOLAR PROCESSES

INFICON technology solutions and process expertise directly address the urgent cost and productivity improvements demanded by today's complex manufacturing operations. Whether you're an end-user or OEM, we're meeting your need to analyze, control and improve manufacturing with market-leading residual gas analyzers, photoresist detectors, RF sensors, high-performance leak detectors, vacuum measurement products, and vacuum components.



#### Transpector MPH Residual Gas Analyzer

#### GAS ANALYSIS

INFICON residual gas analyzers (RGAs) are used as diagnostic tools to aid process engineers in continuously monitoring the manufacturing process for the presence of contaminant gases and for verifying the presence of desired process gases. Transpector® Gas Analyzers provide accurate and reliable data for vacuum process monitoring, process diagnostics, and leak detection.

INFICON provides the most comprehensive and advanced Intelligent Manufacturing Systems for the electronics manufacturing industry. Our FPS and FabGuard® product lines are proven to increase capital productivity, labor efficiency, and overall factory efficiency by presenting critical information, automating complex decision making, and delivering industry-leading execution capability - all in real time.



Cygnus®2 Thin Film Deposition Controller

#### THIN FILM

INFICON market-leading thin film deposition controllers. monitors and QCM measurement instruments control deposition rate and thickness of simple or complex processes with unsurpassed measurement speed and precision. INFICON quartz crystals and sensor heads offer proven quality and reliability-proven by millions of successful process runs with a wide range of materials, applications and industries.

#### VACUUM COMPONENTS

INFICON provides a broad line of HV-fittings, feedthroughs and UHV-fittings for vacuum engineering applications in production and research.

#### LEAK DETECTORS

Our helium leak detectors meet the most critical and demanding leak checking applications. Defining speed and accuracy in leak detectors, these highly sensitive products offer testing flexibility in all measurement ranges.



UL6000 Fab Helium Leak Detector

#### VACUUM GAUGES

INFICON vacuum gauges provide precise pressure measurement and control throughout the vacuum range. Our ceramic capacitance diaphragm gauges deliver higher stability and longer life in many industrial processes. INFICON combination gauges combine multiple measuring principles in a single unit for wide and accurate pressure control and monitorina.



Porter™ Capacitance Diaphragm Gauge

## Assuring Quality With Leak Detection

#### DETECTING LEAKS AT REFRIGERATION/AIR CONDITIONING/ AUTOMOTIVE MANUFACTURING, REPAIR FACILITIES AND PUBLIC UTILITIES



ELT3000 Electrolyte Battery Leak Detector

INFICON refrigerant, hydrogen and helium leak detectors are and environmental concerns lead the worldwide leading brand for to more stringent leak testing quality control at refrigeration, requirements, INFICON helps air conditioner, appliance, and you respond by providing a automotive manufacturing facilities complete line of highly sensitive and their supply chains. leak detectors in a variety of configurations for subassembly



and mid-production quality testing,

As product quality, safety,

# system integrity.

INFICON high-performance helium leak detectors set the standard for reliability and ease of operation in a wide range of applications-from pinpointing small leaks in high-vacuum systems to heavy-duty industrial quality control. They quickly reach test conditions and deliver accurate, final results in all measurement ranges.

Additionally, our Pirani Vacuum Gauge Display is designed for



on the superior performance of our reliable, convenient, and affordable service tools. The INFICON toolbox of market-leading products for service technicians includes innovative refrigerant leak detectors, combustible gas leak detectors, ultrasonic leak detectors, refrigerant recovery systems, refrigerant charging scales, and vacuum pressure gauges. With INFICON service tools, you are assured of having the right tool to get the job done quickly and accurately, saving you time and money.

Leak Detector

D-TEK® Stratus Field service professionals in air conditioning/

refrigeration and automotive rely

## Identifying and Monitoring Chemicals On-Site

### HELPING EMERGENCY RESPONSE/MILITARY/ENVIRONMENTAL MONITORING AND SECURITY TEAMS WORLDWIDE

spectrometry (GC/MS) sets the benchmark for the most accurate identification of organic chemicals of any analytical technique. HAPSITE® Chemical Identification System is the only personportable GC/MS for on-site identification of chemical warfare agents, toxic industrial chemicals, and non-toxic chemicals in air, water, and soil. HAPSITE detects at very low levels (very high sensitivity down to low ppb) with extreme accuracy and measurement reliability. Getting immediate, laboratory-quality results in the field gives you the answers you need to make better and faster decisions about critical health and safety issues.

Gas chromatography/mass

remote monitoring of water or air, the CMS5000 Monitoring System uses GC technology to analyze Volatile Organic Compounds (VOCs) and Toxic Industrial Chemicals (TICs) on-site for accurate results in minutes.

For continuous, unattended





## Accurate Analysis Anywhere

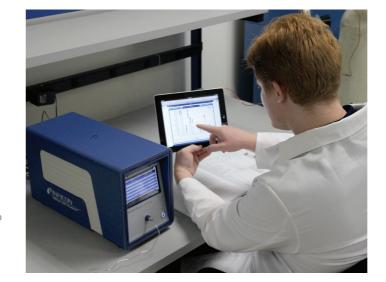
## DELIVERING LAB QUALITY ANALYSIS FOR PETROCHEMICAL APPLICATIONS



Micro GC® Fusion Gas Analyzer

INFICON instruments are used in oil and gas production, hydrocarbon processing, refining, and chemical productions. From research and development to production, we are investing in gas analysis technologies to help enable you to operate more efficiently. Through better understanding of raw materials, process control of intermediates or the quality of final products, INFICON offers small, transportable,

easy-to-use instruments, like our Micro GC Fusion Gas Analyzer to make measurements possible in the lab, at the pilot plant or in the field close to the sample point.



## Precise Measurement Analysis And Control

#### ENHANCING PRODUCTIVITY FOR GENERAL VACUUM PROCESSES

INFICON provides world-class to a variety of markets such as

automotive, aerospace, industrial vacuum coating, vacuum furnace and metallurgy, analytical



instrumentation, packaging, and research and development Superior INFICON ULTRATEST helium leak detection technology is integrated into many industrial systems to test the integrity of vacuum chambers and pressurized systems.

INFICON offers the world's widest range of vacuum gauge principles spanning over 15 decades of vacuum pressure measurement, enabling users in a variety of vacuum applications to reliably monitor gas pressures during manufacturing or research processes.

