



April 6, 2018

PerkinElmer to Display Broad Range of Advanced Laboratory Technologies at Analytica 2018

Detection, Imaging, Workflow and Diagnostic Solutions for Scientists Focused on Food, Pharma/Biotech, Environmental, Industrial, Diagnostics and Genomics

WHAT: [PerkinElmer, Inc.](#), a global leader committed to innovating for a healthier world, today announced that it will showcase its solutions at [Analytica 2018](#), the 26th annual international trade fair for laboratory technology, analysis and biotechnology in Munich, Germany.

WHEN: April 10-13, 2018

WHERE: Messe München, Munich
Hall A2, Stand #502 (PerkinElmer)
Hall B1, Stand #141 (EUROIMMUN)

WHY: “Fueled by the latest technologies, innovative thinking and sharing of expertise, researchers around the world are progressively moving toward generating faster, more accurate results consistently and reliably so that they can better unlock insights into complex issues impacting our environment and our health,” said Jim Corbett, Executive Vice President and President, Discovery & Analytical Solutions, PerkinElmer. “At Analytica, visitors can experience first-hand PerkinElmer’s cutting-edge technologies which are driving the success of our global customers as they navigate increasingly regulated industries, operate their laboratories more efficiently, and accelerate the medical breakthroughs and discoveries of tomorrow.”

ROADSHOW

LAUNCH: PerkinElmer will also debut its Genomics and Proteomics 2018 roadshow at **Hall A2, Stand 502**, a mobile laboratory featuring instruments that help researchers automate and increase the efficiencies of their genomics and proteomics workflows, from analysis to extraction. For more information, please visit www.perkinelmer.com/omicsroadshow

ON DISPLAY: PerkinElmer will highlight an extensive variety of solutions which span application areas, including:

Food Safety

QSight® Triple Quadrupole LC/MS/MS: a self-cleaning, highly sensitive pesticide analysis solution that is designed to deliver reliable throughput with 15% more uptime. This instrument helps researchers ensure that food, nutraceuticals, and

botanicals consumed around the globe are healthy and within regulatory pesticide limits.

Spectrum Two™ N FT-NIR: a compact, high-performance yet robust FT-NIR, optimized with “plug-and-play” sampling accessories and modules coupled with a comprehensive software platform. This system is designed for laboratory technicians and staff conducting molecular spectroscopy analysis on a wide range of pharmaceutical, food and industrial samples.

Perten® RVA 4800: ideal for fingerprinting the viscosity, hydration and degree of cook for a wide range of applications, including dairy, starches, proteins, hydrocolloids, and formulated and extruded foods.

Perten DA 7250 SD NIR: optimized for rapid and accurate analysis of all food types, this instrument brings research grade accuracy to the production line. The system uses high energy throughput diode array optics to ensure accurate and representative analysis of heterogeneous samples.

Pharma/Biotech

Operetta® CLS™ High-Content Analysis System: enables scientists to gain deep biological insight into disease research from common assays and complex applications using advanced cellular models, and to identify even subtle phenotypic changes through sensitive imaging and intuitive data analysis. Speed, sensitivity and high resolution are achieved through the unique combination of automated water immersion objectives that deliver better quality image data, stable LED illumination, true confocal optics and a sensitive, high resolution sCMOS camera. Controlled by PerkinElmer’s **Harmony®** high-content imaging and analysis software that provides a simple-to-use, streamlined workflow, the system can be used by scientists to conduct their own analysis and customize as needed to an application.

VICTOR Nivo® Multimode Microplate Reader: with a compact footprint and light-weight design, this system offers high performance detection modes and easy-to-use software, enabling scientists to accelerate biochemical and cell-based assays for disease research and drug development. This system features a wide range of key detection modes, top and bottom reading for all modes and space for up to 32 filters to accommodate multiple users and applications.

EnVision® Multimode Plate Reader: bringing new efficiencies to high-throughput screening workflows by providing exceptional speed, ultra-high throughput, and maximum sensitivity. This system provides enhanced time-resolved fluorescence (TRF) performance, for use with assay technologies such as LANCE® and DELFIA®, new Alpha capability for a broader range of applications and improved software tools to facilitate 21 CFR Part 11 compliance. The reader delivers reliable, high-quality results that are critical for high-throughput screens.

Environmental

NexION® 2000 ICP-MS: engineered to easily handle any sample matrix, address any interference, and detect any particle size, while optimizing productivity as the lowest maintenance ICP-MS on the market.

- High levels of certain toxic elements in the environment or the food supply chain can be harmful to humans, plants and animals. The NexION 2000 ICP-MS system can help detect a broad range of elements at ultra trace levels.
- High-throughput contract lab professionals (including those for food and environmental), government and academic labs, QA/QC labs (food and pharmaceutical), and high tech and industrial labs that need elevated performance levels (semiconductor and solar) can use this system for an extensive variety of applications.

Torion® T-9 GC/MS: the smallest portable GC/MS instrumentation available for analyses in the field. The system rapidly screens chemicals, including environmental volatiles and semivolatiles (VOCs/SVOCs), explosives, chemical warfare agents, and hazardous substances. It can also be used in food safety and industrial applications. The system is fully self-contained, weighs 32 pounds and is rechargeable-battery operated.

Avio® 500 ICP-OES: a simultaneous and compact ICP-OES designed to meet the needs of customers requiring low and high concentration testing for a broad range of analytes. Providing the lowest argon consumption on the market, this technology meets the needs of analytical laboratories running high throughput multi-elemental inorganic analyses for a wide variety of sample matrices. Its wide application areas span environmental, petrochemical (lubricants and used oils), geochemical, food, pharmaceutical and industrial (including batteries).

Clarus® SQ 8 GC/MS: a system that delivers reliable throughput and productivity for applications which require extreme sensitivity for environmental, industrial and food testing. This instrument is designed with Clarifi™ technology, a highly sensitive GC/MS detector, which uses electron technology to provide sensitivity and longer operational life. Its SMARTSource™ technology provides unprecedented access, ease of use, and maintenance, resulting in increased uptime and reduced operating costs. The Clarus SQ 8 GC/MS easily integrates with TurboMatrix® headspace and thermal desorption sampling handling accessories for unparalleled precision and repeatability.

Spotlight 200i™ FT-IR: a high-performance microscopy platform, designed to generate high-quality, reproducible data from a variety of sample types. This highly-automated system can be used with extended range mid-IR, near-IR or dual range FT-IR configurations to give maximum information from samples in the shortest possible time. It also has the capability to be fully upgraded to the Spotlight 400 imaging system, allowing for even faster imaging.

TGA 8000™ Thermogravimetric Analyzer: provides scientists with advanced analysis capabilities for materials characterization in polymers, pharmaceuticals, chemicals and food. Its applications include identifying harmful chemicals in soil, quantitating components in polymers, determining leachables that may contaminate a product's packaging, and identifying phthalates in PVC samples.

LAMBDA™ 365 UV/Vis Spectrophotometer: benchtop-friendly instrument offering a variety of spectral bandwidths to accommodate a wide range of analytical functions related to materials testing, QA/QC and R&D. Lab professionals in environmental, food, industrial, pharmaceutical, and life sciences industries can use this instrument for water and soil contamination testing, food color analysis, DNA/protein quantification, and academic teaching and research.

Genomics Workflows & Diagnostics **(including IVD and Research Use Only Solutions)**

chemagic™ 360 instrument: utilizing PerkinElmer's award-winning chemagen® technology platform, the chemagic 360 instrument offers increased flexibility in automated DNA/RNA isolation when working with various sample types (blood, saliva/plasma), sample volumes (10 µl-10 ml) and throughputs (1-12, 1-24, 1-96) on a compact, benchtop instrument. Researchers leverage PerkinElmer's chemagen offerings to simplify their workflows for a wide range of next generation sequencing and PCR applications in the field of human genetics/biobanking, HLA typing, pathogen detection, and viral identification.

IANUS® G3 MDT Automated Workstation: a liquid handling solution that offers multiple pipetting technologies on a single instrument platform. This system consists of an expanding modular platform and a 96- or 384-channel Modular Dispense Technology™ (MDT) dispense head, and provides real-time and future adaptability in throughput, plate capacity and dynamic volume range.

IANUS® BioTX™ Automated Workstation: enables consistent small scale purification and sample prep for analytical protein characterization required to support quality by design experimentation in both upstream and downstream processes. The system enables column, tip and batch chromatography modes, eliminating the need for multiple instruments.

LabChip® GXII Touch™ Microfluidics Technology: a solution that performs reproducible, high-resolution, electrophoretic separations. A variety of assay kits are available to automate DNA and RNA sizing and quantitation of both fragments and smears to address multiple input concentration ranges.

QSight® LC/MS/MS: a platform for a wide range of academic and research applications, including metabolomics, proteogenomics, pharmacology, and biomarker discovery.

Immunodiagnosics

PerkinElmer recently completed its [acquisition](#) of EUROIMMUN Medical Laboratory Diagnostics AG. The following EUROIMMUN products will be on display at **Hall B1, Stand #141**:

EUROLabWorkstation™ IFA (ELW IFA) Platform: high throughput, fully automated immunofluorescence processor in the market. The instrument is able to process more than 700 samples and up to 750 reaction fields in one run. The ELW IFA platform is the only system able to ensure standardization of incubation and washing procedure due to Titerplane™ and MERGITE™ technology. It ensures full traceability for samples, reagents, slides and performs the cover slipping with a unique automatic system without any manual interaction.

EUROLabOffice™ 4.0 (ELO 4.0) Software: the new middleware software developed by EUROIMMUN and designed for lab departments such as autoimmunity, infectious serology and molecular biology. It allows optimized and patient-based workflows for the routine laboratory process in order to decrease the working hours for technical laboratory staff and physicians.

EUROPattern 1.5 (EPa) Microscope: fully automated computer-aided immunofluorescence microscopy. The EPa high throughput microscope is capable of up to 500 reaction fields in one run. It is designed for modern diagnostics at the computer screen and pattern recognition for ANA and ANCA, including mixed patterns and titers as well as classification of results as positive or negative for *Crithidia luciliae*, antigen expressing cells and EUROPLUS™ antigen dots.

MERGITE™ Instrumentation: automated and standardized washing for EUROIMMUN IIFT slides. High total throughput due to cross-contamination-free washing of up to 50 reaction fields in parallel by direct and controlled liquid flows.

RA Analyzer™ 10 Random Access Instrument: a compact automation solution for autoimmune, infectious and allergy parameters as well as antigen detection on the basis of chemiluminescence assays. The test- and lot-specific information, including stored standard curves, are imported into the database by means of an RFID code on the reagent cartridge. This enables error-free and convenient loading as well as efficient and secure evaluation of tests. The system status can be viewed at any time in the intuitive and user-friendly software. The continuous loading of samples – also as part of a testing line – allows every patient sample to be processed with minimal effort and short reaction times as a single determination. In addition, the preferred processing of emergency (STAT) samples gives laboratories with different requirements and sample volumes flexibility in their lab routines.

MORE: Join the conversation about the show by following us on Twitter [@PerkinElmer](#).

ABOUT**PERKINELMER:**

PerkinElmer, Inc. is a global leader committed to innovating for a healthier world. Our dedicated team of about 11,000 employees worldwide is passionate about providing customers with an unmatched experience as they help solve critical issues especially impacting the diagnostics and discovery and analytical solutions markets. Our innovative detection, imaging, informatics, and service capabilities, combined with deep market knowledge and expertise, help customers gain earlier and more accurate insights to improve lives and the world around us. The Company reported revenue of approximately \$2.3 billion in 2017, serves customers in more than 150 countries, and is a component of the S&P 500 Index. Additional information is available through 1-877-PKI-NYSE, or at www.perkinelmer.com.

Media Contact:

Brian Willinsky

brian.willinsky@perkinelmer.com

+1 781-663-5728