![PerkinElmer For the Better]

March 1, 2017

PerkinElmer's Advanced Detection Solutions and Services at Pittcon 2017: Helping Laboratory Researchers Innovate for the Breakthroughs of Tomorrow

WHAT: PerkinElmer, Inc., a global leader committed to innovating for a healthier world, today announced that it will showcase its portfolio of innovative detection instruments, technologies and services at the 2017 Pittcon Conference & Expo. Pittcon is the world's leading event for laboratory science, with attendees from industry, academia and government from over 90 countries worldwide.

"We are excited to be here at this international forum to showcase our offerings for elemental analysis, chromatography/mass spectrometry, and materials characterization," said Jim Corbett, Executive Vice President and President, Discovery & Analytical Solutions, PerkinElmer. "Our portfolio of advanced detection and analysis solutions are designed to help scientists determine, monitor and manage known and unknown contaminants and toxic chemicals in our food, water, air and pharmaceuticals to protect the health and safety of people and the environment."

WHEN: March 5-9, 2017

WHERE: McCormick Place, Chicago
Booth #2038

ON DISPLAY: PerkinElmer will highlight a wide range of its offerings at Pittcon including:

Elemental Analysis:
NexION® 2000 ICP-MS: a new system (launched January 2017) 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, 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.

Avio™ 200 ICP-OES: the industry's most compact ICP-OES designed for efficient multi-elemental inorganic analysis. This technology helps laboratory professionals running inorganic analyses who face an expanding range of sample types to test difficult, high-matrix samples without the need for dilution. The Avio 200 system can be used for a wide range of applications including nutrient analysis for nutritional labeling.

PinAAcle™ 500 Flame AA Spectrometer: a fully-integrated, flame-only atomic absorption (AA) spectrometer ideal for labs needing an easy-to-use, high-performance flame AA for single element nutrient analysis. With a touch-screen interface with the flexibility to operate via its Syngistix Touch™ or Syngistix™ for AA Software, the PinAAcle 500 spectrometer can be coupled with the FAST Flame™ sample automation accessory, providing the lowest cost-per-element flame AA.

Chromatography/Mass Spectrometry:

QSight™ Triple Quadrupole LC/MS/MS: a highly sensitive, self-cleaning pesticide analyzer that enables labs to test highly complex samples for harmful contaminants in food to comply with regulatory standards. This instrument delivers 15% more uptime, enabling labs to run more samples more efficiently, while ensuring that food, crops, nutraceuticals, and botanicals consumed around the globe are safe and within regulatory pesticide limits.

Torion® T-9 GC/MS: the smallest portable GC/MS instrumentation available for analyses outside of the lab in the field. The system can rapidly detect and identify the origin and cause of health and safety hazards to enable remedial action. First responders and independent investigators can analyze volatile organic compounds on the spot for rapid, accurate, actionable GC/MS results, over 70 times faster than conventional lab analysis. The Torion T-9 portable GC/MS can also be used in industrial and food applications. The instrument is fully self-contained, lightweight, and includes rechargeable battery operation.

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. Clarus SQ 8 easily integrates with TurboMatrix® headspace and thermal desorption sampling handling accessories for unparalleled precision and repeatability.

Materials Characterization:

Spotlight™ 150i/200i FT-IR microscopy systems: designed for scientists specializing in materials, pharmaceuticals, academia, forensics, biomedical and biomaterials whose samples demand higher sensitivity and simpler analyses and workflows. The systems perform tasks ranging from automated setup to complete characterization in rapid time, while delivering quick, high-quality results. Their applications include: polymer characterization, identification of contaminants in the manufacturing process, detection of microplastic particles in cosmetics, and analysis of automobile paint chips.

Spectrum Two™ FT-IR spectrometer: Easy to use and compact, Spectrum Two is ideal for unknown substance identification, material qualification or concentration determination. It can be operated across applications as diverse as fuel and lubricant analysis, pharmaceutical, nutraceutical, environmental and polymer analysis, and the teaching of these methods in academic laboratories.

Frontier™ FT-IR spectrometer: This instrument combines best-in-class sensitivity with flexibility for many diverse sectors, from polymers and chemicals to consumer goods and pharmaceuticals, helping to protect consumers and the environment across the world. Delivering unmatched respectability of transmission spectra, the Frontier's sensitivity and configurability ensure superior performance in demanding applications, helping to advance safe drug development, understand complex chemical and material properties, and meet the challenging requirements of research and academia.

Lambda™ UV/Vis systems: a family of benchtop-friendly UV/Vis instruments 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 these instruments for water and soil contamination testing, food color analysis, DNA/protein quantification, optics, coatings, and academic teaching and research. The Enhanced Security (ES) version of UV WinLab software for the LAMBDA 365 integrates the FDA's 21 CFR Part 11 compliance and includes: multilevel user permissions, password-protected access control, method-lock facility ensuring methods can't be overwritten and a fully configurable e-signature points allowing the user to remain paperless without compromising security.

DSC 8500 Differential Scanning Calorimeter: The DSC 8500 is a high-performance double-furnace DSC, featuring our second-generation HyperDSC™ technology. Now you can gain unlimited insight into the structure, properties and performance of your materials. And with hyper-enabled, double-furnace technology and better application capabilities, the DSC 8500 gives you greater accuracy and sensitivity than ever before.

Hyphenated Technology:

PerkinElmer's hyphenated solutions couple two or more instruments to greatly increase the power of analyses and save precious time by acquiring more information from a single run. PerkinElmer's TGA 8000™ and STA systems coupled with FT-IR, MS, and/or GC/MS instruments represent the industry's most complete and advanced line of hyphenated platforms for materials characterization in polymers, pharmaceuticals, chemicals, petroleum, rubber, 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.

Services:

OneSource® Laboratory Services: a global team of certified, factory-trained customer support engineers that help reduce lab complexities and increase efficiencies. OneSource laboratory services include information services, compliance, asset informatics and analytics, lab relocation, scientific services and multivendor instrument service and repair.

PRESENTATIONS:

PerkinElmer's team of scientific specialists are participating in and contributing to 16 in-booth presentations, 12 Pittcon presentations, and 31 posters. For more information, please visit www.perkinelmer.com/pittcon2017

MORE: PerkinElmer, Inc. is a global leader committed to innovating for a healthier world. The Company reported revenue of approximately $2.1 billion in 2016, has approximately 9,000 employees serving 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:
Leanne High
lhigh@apcoworldwide.com
919-867-2812