September 19, 2016

PerkinElmer to Highlight Solutions for Environmental Health and Life Sciences Researchers at World of Technology and Science 2016

WHAT: PerkinElmer, Inc., a global leader focused on improving the health and safety of people and the environment, today announced that it will showcase several of its innovative technologies at the World of Technology and Science (WoTS) 2016 international trade fair.

"We are excited to share our wide range of instruments, software and services with laboratory professionals and researchers from throughout Europe at this year's event," said Gert Wilgenhof, Country Sales Leader, The Netherlands, Environmental Health, PerkinElmer. "Our advanced offerings help customers to more effectively run their laboratories and unlock critical insights into important environmental and human health issues. This knowledge can lead to cleaner air, soil and water, safer food, a better understanding of disease progression, and accelerated discovery of treatments."

WHEN: October 4-7, 2016

WHERE: Utrecht, The Netherlands
Jaarbeurs Utrecht Hall 7
Booth #7B061

ON DISPLAY: PerkinElmer will showcase the following instruments for environmental health scientists:

Avio™ 200 ICP-OES: (newly launched) 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.

Clarus® SQ 8 GC/MS: an instrument delivering reliable throughput and productivity for applications which require extreme sensitivity such as environmental and food testing. It is designed around Clarifi™ technology, a highly sensitive GC/MS detector which uses electron technology to provide sensitivity and longer operational lifetime. Its SMARTSource™ technology provides unprecedented access, ease of use, and maintenance, resulting in increased uptime and reduced operating costs.

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.

Spotlight™ 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.

- The **Spectrum Two™ system** combines performance and low-maintenance design and is suited for everyday use regardless of user skill level.
- **Spotlight 200i FT-IR system:** designed to generate high-quality, reproducible data from a variety of sample types.

LAMBDA™ 365 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, and academic teaching and research.

PinAAcle® 500 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.

PerkinElmer will also display the following integrated technologies that help life sciences professionals automate workflows, perform high throughput screening and conduct genomics and protein research:

JANUS® G3 Automated Liquid Handling Workstations (in development): The JANUS platform features enhanced software and hardware capabilities designed to seamlessly automate cellular high content analysis, genomics, biotherapeutics (small scale protein purification) and high-throughput screening workflows. PerkinElmer offers a suite of liquid handling workstations with multi-application flexibility, a common intuitive user interface, direct control error recovery, dynamic pipetting volume range from 0.5 µl to 5000 µl for consistent, reproducible sample preparation, over 50 application-specific pre-programmed protocols to save time-consuming programming steps, and status light indicators.

cell: Explorer™ workstation: a robotic automation platform offering integrated automation and cellular analysis and detection to help simplify complex high throughput configurations including a new G3 liquid handling workstation.

LabChip® GXII Touch: streamlines multiple, manual steps of slab gel electrophoresis to provide rapid, reproducible data with high sensitivity, even at the low sample concentrations.

EnSight™ Multimode Plate Reader: the first benchtop system to offer well imaging together with label-free and labeled detection technologies, enabling researchers the ability to compare and combine results from orthogonal assays using a range of technologies to make new findings on a single, flexible and upgradeable system.

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.

ABOUT PERKINELMER:

PerkinElmer, Inc. is a global leader focused on improving the health and safety of people and the environment. The Company reported revenue of approximately $2.3 billion in 2015, has approximately 8,000 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:
Brian Willinsky
brian.willinsky@perkinelmer.com
+1 781-663-5728

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