PerkinElmer to Showcase Innovative Analytical Solutions at Expoquimia 2011

Global leader in analytical technologies offers high performance instruments for the environmental, pharmaceutical, chemical and food industries

WALTHAM, Mass.--(BUSINESS WIRE)-- PerkinElmer Inc., a global leader focused on the health and safety of people and the environment, will showcase key product developments at Expoquimia, Barcelona, 14 — 18 November, Gran Via, Hall 5, level 0, stand D442. PerkinElmer's new solutions provide customers with tools designed to perform accurate analyses of a broad range of environmental, food, pharmaceutical and geochemical samples.

"The platforms we are showcasing have been developed in response to specific customer needs for real-world applications," said Dusty Tenney, president, Analytical Sciences and Laboratory Services, PerkinElmer. "We are a world leading provider of FT-IR spectrometers, microscopy and imaging systems, as well as ICP, GC/MS, GC/HS and atomic absorption technology, for a wide range of markets, due to our responsiveness to customer requirements. Researchers in key application areas benefit from better detection capabilities through our expertise, knowledge and technologies across the environmental, food, consumer product and pharmaceutical testing segments."

Innovations that will be displayed at Expoquimia include:

- PerkinElmer's AxION® TOF system was designed to provide a fast yet accurate platform for mass identification and quantification for the environmental, pharmaceutical and food industries. The AxION system is available with a choice of patented ion sources, including dual probe Ultraspray® 2 ESI or Field-Free Atmospheric Pressure Chemical Ionization (APCI). Each source has interchangeable snap-in probes to enhance productivity and user flexibility by reducing cross-contamination. The AxION system was designed with high specificity that can enable unambiguous identification and quantification of both known and unexpected compounds, for full sample characterization.
- The Optima™ 8x00 ICP-OES platform offers improved performance and reduced operating costs for determining the elemental composition of a wide variety of samples. A novel electronic sample introduction system provides superior sensitivity and innovative radio frequency (RF) generator technology dramatically reduces total cost of operation by reducing argon gas consumption. With exceptional throughput and detection limits, this easy to use instrument platform is targeted towards lowering cost per analysis and helping laboratories meet the continued challenges of the environmental market.
- Taking atomic absorption to new levels, the compact PinAAcle® spectrometer determines the concentration of inorganic elements in a wide variety of sample types for environmental, food and consumer product testing. Based on an optical system that utilizes state-of-the-art fiber optics, the instrument has a newly designed light path which shapes 100% of the beam resulting in the smallest footprint of any combined flame/granite furnace AA system on the market.
- The Clarus® SQ 8 GC/MS delivers reliable throughput and productivity for analysts requiring extreme sensitivity, such as in environmental and food testing applications. By minimizing requirements for instrument calibration and reducing the need for sample preparation and concentration, the system dramatically improves workflow and provides consistent and reliable results. Its revolutionary Smart Source™ technology provides unprecedented access, ease of use, and maintenance for the user resulting in increased uptime and reduced operating costs.
- PerkinElmer's comprehensive quality approach, from product design, development and manufacturing through to customer support, assures high quality FT-IR analysis. The compact Spectrum Two™ FT-IR spectrometer combines superb performance with low maintenance, and can be used by non-expert users outside traditional laboratory environments. In even the most demanding applications, PerkinElmer Frontier™ systems offer superior near-, mid- and far- IR spectroscopic performance. The instrument combines sensitivity with flexibility for use in many diverse sectors including food, water, environment and pharmaceutical testing.

Product specialists will be available at the booth to discuss how PerkinElmer's analytical solutions can improve laboratory productivity and cost-effectiveness.

About PerkinElmer, Inc.

PerkinElmer, Inc. is a global leader focused on improving the health and safety of people and the environment. The Company

reported revenue of approximately $1.7 billion in 2010, has about 7,000 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.

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