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PerkinElmer Launches Innovative Sample Introduction Component for Optima® 8x00 Series of ICP-OES Spectrometers

New HybridXLT™ Torch Improves Laboratory Productivity and Decreases Cost Per Analysis

WHAT: [PerkinElmer Inc.](#), a global leader focused on the health and safety of people and the environment, today announced the launch of the [HybridXLT™](#) torch, a new sample introduction component for its popular award-winning [Optima® 8x00 ICP-OES](#) series of spectrometers. The Optima 8x00 ICP-OES platform offers analysis of environmental, food, drug development, product safety and geochemical samples.

Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES) is a highly sensitive, rapid technique for determining the elemental composition of a wide variety of sample types. Sample matrices can often be complex (such as brines, metallurgy, geological), and labs need robust sample introduction technologies that can easily handle difficult samples. With its patent-pending design, the HybridXLT torch increases uptime of these spectrometers, enhances and facilitates method development, troubleshooting and maintenance, and reduces a laboratory's cost of analysis.

"We created the HybridXLT in response to lab technicians' needs for more efficient and cost-effective sample introduction components for their spectroscopy instruments," said Jon DiVincenzo, President, Environmental Health, PerkinElmer. "Higher performance instruments and components result in improved productivity in the lab, which can more effectively lead to advancements in human and environmental health."

HOW IT WORKS: The HybridXLT utilizes a patent-pending ceramic/quartz hybrid design, which extends its lifetime by up to 10 times over that of standard quartz torches used in ICP-OES. The HybridXLT also allows for effective plasma viewing compared to full-ceramic designs, which are more expensive and difficult to use.

MORE: Lab professionals that utilize the HybridXLT also have access to more than 1,350 trained and certified customer support engineers operating directly in more than 40 countries and supporting instruments from a wide array of manufacturers through PerkinElmer's [OneSource Laboratory Services](#).

For more details on the HybridXLT, visit www.perkinelmer.com/HybridXLT

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 \$2.2 billion in 2013, has about 7,600 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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