



PerkinElmer Introduces Micro-Channel Wafer Technology for the Clarus® Gas Chromatographs

PerkinElmer, Inc. introduces Swafer™, a new micro-channel wafer technology platform for flowswitching applications in capillary gas chromatography (GC). PerkinElmer's exclusive Swafer™ technology provides Clarus® Gas Chromatograph users with additional application flexibility, while delivering richer sample information, increased sensitivity, lower maintenance costs and increased sample throughput.

This exciting new technology can enhance productivity for most analytical laboratories and, in specific configurations and high-throughput environments, the Swafer™ can pay for itself in a couple of weeks. From simple techniques like connecting two detectors to one column and removing unwanted material from a column, to sophisticated multidimensional separations on complex samples, Swafer's™ capabilities cover a wide range of applications.

Two versions of the Swafer™ are now available. The S-Swafer™ is a scalable splitting device designed for sample-stream splitting between a range of detectors or columns. The D-Swafer™ is based on the classic Deans' Switch principle. Both the S-Swafer™ and the D-Swafer™ can be configured in multiple ways, offering a variety of additional capabilities.

Many applications will benefit from the use of the Swafer™, including the detection of pesticides in food products and the analysis of complex matrices (e.g. petroleum or natural products). With tools such as detector switching or heartcutting capabilities, the Swafer™ delivers better separations of complex samples, yielding additional, more reliable data.

This new technology integrates all paths in contact with samples into a single circular disk only 20 mm in diameter and 3 mm in thickness. The Swafer is inert and easily installed on any existing or new PerkinElmer Clarus® 500 or 600 GC with programmable pneumatics. The technology is available immediately and globally and will be on display at Pittcon at booth #942.

More information is available at www.perkinelmer.com/Swafer

About PerkinElmer

PerkinElmer, Inc. is a global leader focused on improving the health and safety of people and their environment. The Company reported revenue of approximately \$2 billion in 2008, has 8,400 employees serving customers in more than 150 countries, and is a component of the S&P 500 Index. Additional information is available through www.perkinelmer.com or 1-877-PKI-NYSE.

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Media Contacts

Christopher Tessier, 413-208-6872

Christopher.Tessier@perkinelmer.com

PerkinElmer, Inc.