



## PerkinElmer Introduces Robust Atomic Absorption Spectrometer Designed for QA/QC Analysis

### ***AAAnalyst<sup>(TM)</sup> 50 Addresses Budget Constraints with a Cost-effective Solution for Academic, Mining and Plating Laboratories***

CHICAGO, Mar 06, 2009 (BUSINESS WIRE) -- [PerkinElmer, Inc.](#), a global leader focused on the health and safety of people and the environment, today announced the global introduction of the [AAAnalyst<sup>\(TM\)</sup> 50](#), an entry-level flame [atomic absorption](#) spectrometer that offers double-beam technology to save laboratories time when analyzing numerous samples. The double-beam system allows shorter warm up times and improved signal stability, and requires fewer operator adjustments than a single-beam system.

"PerkinElmer now offers a flame AA to a whole new group of customers, such as academic, mining and plating laboratories, who want the quality and benefits of a PerkinElmer product at a great price point. Users can get a range of features and benefits in one of the most affordable, compact, flame AA systems on the market," said Ian Shuttler, Ph.D., vice president, Inorganic Business Unit, [Analytical Sciences](#), PerkinElmer.

The AAAnalyst 50 comes with a background corrector and a complete safety interlocks system. The background corrector is designed to save operator time and provide confidence in the results, while the safety interlocks system contributes to the safe operation of the spectrometer. The instrument features a mechanism to automatically power off in a safe sequence when any safety interlock is compromised, such as during a sudden loss of power or drop in gas pressure. The system also checks and verifies the safe and proper installation of the sample introduction components each time the instrument starts.

The AAAnalyst 50 also includes PerkinElmer's dual option burner and sample introduction system, durable and sensitive components included in the other AAAnalyst atomic absorption spectrometers. The sample introduction system consists of an inert polymer spray chamber, which can accommodate corrosive and high solids matrices, as well as titanium burner heads that can be easily installed without the need for tools.

The new AAAnalyst 50 will be on display at the annual Pittsburgh Conference ([PITTCON](#)) in Chicago, Illinois, March 9-12, 2009, at booth #942.

For more information on the AAAnalyst 50 atomic absorption spectrometer, visit [www.perkinelmer.com/aaanalyst50](http://www.perkinelmer.com/aaanalyst50).

#### **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 almost \$2 billion in 2008, has approximately 8,500 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](http://www.perkinelmer.com) or 1-877-PKI-NYSE.

Photos/Multimedia Gallery Available: <http://www.businesswire.com/cgi-bin/mmg.cgi?eid=5911498&lang=en>

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PerkinElmer:  
Sandra Schiller, 203-402-7105  
[sandra.schiller@perkinelmer.com](mailto:sandra.schiller@perkinelmer.com)

or

Porter Novelli:  
Amy Speak, 617-897-8262  
[amy.speak@porternovelli.com](mailto:amy.speak@porternovelli.com)

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