



Bruker **AXS** Inc.

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FOR IMMEDIATE RELEASE

Bruker AXS Introduces the D2 PHASER™, a Novel Benchtop X-ray Diffraction (XRD) System for Crystalline Phase Analysis

CHICAGO, Illinois -- March 9, 2009 – At Pittcon® 2009, Bruker AXS, the global market leader in X-Ray powder diffraction (XRD), introduces its new **D2 PHASER™** crystalline phase analyzer system. This novel benchtop analyzer utilizes XRD for the qualitative and quantitative analysis of crystalline phases. Bruker AXS has implemented innovative technologies to make the **D2 PHASER** the most compact, all-in-one XRD phase analyzer available on the market. The unique **D2 PHASER** is easy to install in any laboratory or even in the field as a ‘Plug & Analyze’ system, using just standard electrical power and air cooling.

Incorporating Bruker’s innovative **LYNXEYE™** silicon strip detector, the **D2 PHASER** is able to collect high quality XRD data with the high speed which up to now was only available from larger floor-standing XRD systems. The **D2 PHASER** is equipped with an integrated PC and monitor, and its new and very easy-to-use workflow software **DIFFRAC.SUITE™** allows measurement and analysis right ‘out of the box’.



Ease-of-use, high performance and low cost of ownership are the key features of the **D2 PHASER**. It was developed to address new applications and market segments where traditional XRD systems were beyond the available technical expertise and budgets. The **D2 PHASER** is the new performance/price leader for XRD in laboratories and QC/PC applications, for example in cement, industrial minerals, geology, chemistry, pharmaceuticals or for educational purposes.

“The **D2 PHASER** is an innovative new member of our highly successful XRD product family, and offers XRD phase analysis capabilities to new market segments,” stated Dr. Lutz Bruegemann, Director of R&D and Marketing at Bruker AXS GmbH. “For the first time, this is really crystalline phase analysis for everyone and everywhere.

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The *D2 PHASER* offers high performance in terms of speed and accuracy, and provides qualitative and quantitative phase analysis for a wide range of applications from routine QC applications in the cement industry to demanding expert phase analysis in pharmaceutical formulation.”

For Further Information:

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