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## **New Attenuated Total Reflectance (ATR) Probe Provides Enhanced Performance for Laboratory and QC Mid-Infrared Analysis**

TUSTIN, Calif., March 9, 2011 – Axiom Analytical, Inc. has announced its DPR-230 sample compartment mounted ATR probe for FTIR spectroscopy. The new probe is the successor to the popular DPR-210 which has found widespread use in applications ranging from chemical and pharmaceutical research to incoming inspection of raw materials. In common with its predecessor, the DPR-230 features broad mid-IR spectral response, providing detailed quantitative analysis based on specific chemical functional groups. It comes equipped with an interchangeable sample compartment mounting plate to mate to any specified FTIR spectrometer. In addition to the considerable capabilities of the DPR-210, the new probe features higher transmission and easier interchange of ATR elements.

The design of the DPR-230 allows it to pivot around the spectrometer's sample beam axis so that it can be dipped into any sample container for rapid screening or detailed analysis. Cleaning is achieved by simply dipping the probe into a beaker of solvent and wiping it off with a soft tissue. Interface to laboratory reaction vessels is provided by a sliding tapered joint that can be locked in any position on the probe. With its high transmission (up to 20%, depending on spectrometer beam geometry), the DPR-230 provides highly sensitive chemical analysis when used with the DTGS infrared detectors, standard with most FTIR spectrometers.

The DPR-230 is the newest member of Axiom Analytical's comprehensive family of products based on the Company's patented ATR immersion probe technology.\* Other members of the family include models for on-line process analysis as well as diamond ATR probes for the monitoring of highly aggressive chemical reactions.

### About Axiom Analytical, Inc

Axiom Analytical, Inc. was founded in 1988 by Dr. Mike Doyle and Norm Jennings, pioneers in the field of process FTIR spectroscopy. The Company's mission is to develop and market the robust sampling equipment, software, and integrated systems required to fully realize the potential of molecular spectroscopy for solving economically significant problems both in laboratory analysis and manufacturing processes. The Company's products are employed in diverse industries ranging from basic chemicals to pharmaceuticals, semiconductors, and polymer processing.

More information about Axiom Analytical Inc. can be found at <http://www.goaxiom.com/>.

\* U.S. Patents 4,812,041; 4,835,389; and 5,051,551.