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Axiom Analytical Announces New High-Transmission ATR Probe for use in Mid-IR Spectroscopy

TUSTIN, Calif., November 1, 2011 – Axiom Analytical, Inc. has announced the availability of its new DPR-210XT High-Transmission ATR (Attenuated Total Reflectance) Probe. This probe has been designed specifically to interface with the new generation of small and flexible FTIR spectrometers available from companies such as Bruker Optics and Thermo-Fisher Scientific. The configurations of these spectrometers allows the use of a straight probe design which provides significantly increased transmission compared to the Company's earlier ATR probes. For example, when used with a Bruker Alpha instrument and Axiom's SI-Alpha1 spectrometer interface, the DPR-210XT exhibits transmission in the range of 30 %, providing remarkably high performance.

The new probe is the latest addition to Axiom Analytical's comprehensive line of conventional and diamond tipped ATR probes that have found widespread use in applications ranging from chemical and pharmaceutical research to incoming inspection of raw materials and on-line process analysis*. These probes feature broad mid-IR spectral response, providing detailed quantitative analysis based on specific chemical functional groups. When combined with the new light weight, flexible, and robust spectrometers, they provide comprehensive systems for both laboratory chemical development and process analysis and control.

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 vibrational 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. In short, the Company's products are found wherever process analytical technology (PAT) is being applied. Its hardware products include ATR probes, transmission probes, diffuse reflectance probes, Raman probes, flow cells for gas and liquid analysis, and fiber-optic multiplexers. These cover the full range of molecular analysis including mid-IR, near-IR, UV-visible, and Raman spectroscopy.

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.