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Axiom Analytical, Inc. Announces a new Fiber-Optic Diffuse Reflectance Probe for Contact Near Infrared (NIR) Powder Analysis

TUSTIN, Calif., November 5, 2012 – Axiom Analytical, Inc. has announced the availability of its [FDR-735 Near-IR diffuse reflectance probe](#) for the contact analysis of optically scattering materials such as pharmaceutical powders, polymers, and food products. Key characteristics of the new probe include high collection efficiency, low stray light, robust construction, and excellent chemical resistance. The use of SMA 905 fiber-optic connectors allows FDR-700 Series probes to be used with most near-IR and UV-visible spectrometers. Small size and light weight make the FDR-735 ideal for hand-held operation as well as applications involving confined space.

The FDR-735 is the latest member of the company's new FDR-7x5 Series of diffuse reflectance probes which includes the previously announced FDR-755 Extruder Probe. The FDR-755 is configured for the spectroscopic analysis of materials such as polymers and food products during extrusion. The FDR-7x5 Series replaces Axiom's previous FDR-700 Series. In contrast to the earlier probes, the new series features both high signal levels and extremely low stray light, making these probe suitable for a wide range of demanding application in the chemical pharmaceutical and food industries.

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/>.