

NeSSI (11-06-07)

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## **Axiom Analytical, Inc. Announces Near Infrared and UV-Visible Sample Cells for use with the Industry Standard NeSSI Process Analytical Platform.**

IRVINE, Calif., Nov. 7, 2007 – Axiom Analytical Inc., a leading supplier of sampling equipment, software, and integrated systems for all forms of vibrational spectroscopy, today announced the availability of its FFV-310Ne Surface Mount Spectroscopic Flow Cells designed specifically to mate to the standard NeSSI (ANSI/ISA SP76.00.02-2002) platform.

NeSSI (New Sampling/Sensor Initiative) is an industry initiative undertaken to standardize and simplify the design of systems use in chemical process analysis. A significant part of this initiative has been the development of modular, miniature, and automated sample system technology using a platform based on the ANSI/ISA SP76.00.02-2002 standard. This platform defines a standard mounting and interfacing geometry for a new generation of surface mount analytical components. Among the benefits of the NeSSI platform are modular assembly and replacement, short sample lines, fast response, compact design, low sample volume, and a high level of automation.

Until now, the emphasis in the development of NeSSI compatible hardware has been on devices for sample conditioning and control and on scalar sensors for such variables as temperature, pressure and flow rate. Axiom Analytical has now extended these developments to encompass multi-dimensional sensor systems employing near-IR and UV-visible spectroscopy. The key element is the new FFV-310Ne Surface Mount Flow Cell. This compact cell is designed to be interfaced to a remote near-infrared (NIR) or UV-visible spectrometer by means of fiber-optic cables. Individual cells are available with a range of fixed or variable pathlengths and with optics optimized for the Near-IR, UV, or visible spectral ranges.

### 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/>.

More information about the NeSSI initiative can be found at <http://www.cpac.washington.edu/NeSSI/NeSSI.htm>.