FMX-200U (3-1-11)

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New Fiber-optic Multiplexer Provides Rapid Switching between a Single Ultra-violet (UV) Spectrometer and Multiple Sampling Probes or Flow Cells.

TUSTIN, Calif., March 9, 2011 – Axiom Analytical, Inc. has announced its FMX-200U Series Fiber-optic Multiplexers. The new multiplexers extend the capabilities of the Company's FMX Series Multiplexers into the ultra-violet region of the spectrum, providing rapid switching between up to 16 sampling points. It is ideal for use in applications such as pharmaceutical dissolution monitoring and the analysis of aromatic compounds and other strongly absorbing chromophores.

The FMX-200U maintains the unique benefits of the FMX Series, including a very high degree of repeatability combined with an absence of the channel-to-channel frequency shifts characteristic of other multiplexer designs. This performance results from the use of a pair of proprietary retro-reflecting switching prisms to switch both the transmitted signal from the spectrometer and the signal returning to the optical detector. (U.S. Patent 6,009,219)

FMX Series multiplexers can be controlled from a remote computer via a choice of RS-232, RS-422, or RS-485 ports. System commands are provided in two forms: a custom ASCII protocol, and a subset of the OPTO-22 instruction protocol. In addition, the multiplexers can be controlled by the Symbion Suite of analytical instrument software (www.gosymbion.com). This enables them to be integrated into comprehensive systems for both laboratory and on-line chemical process analysis.

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/.