

For immediate release

Contact: Tom Bloomer 508-297-1664

Unity Scientific Introduces New Process NIR Diode Array Spectrometer

Multi-element analysis from a single or multiple points

Purcellville, VA – March, 2006 – Unity Scientific, Inc., a leading global supplier of NIR spectrometers, has introduced the ProStar 1800™ process near infrared analyzer that can perform high speed multi-element analysis from a single or multiple points. The system utilizes a fast, high-precision diode array spectrometer that measures the full spectral range from 1120-1820nm in milliseconds. Because of the extremely short response time for these spectrometers, the instrument is ideal for the process monitoring of belts or hoppers carrying powders or solid material and liquid in pipes – thus permitting large quantities of raw material or finished product to be inspected.

When used for on-line analysis, the ProStar 1800 can transmit the measuring signals to the plant's process control system via LAN, USB, or even wireless transmission. This allows for both qualitative and quantitative analysis in real time to help manage the quality of the products being monitored. Analyzers can be placed at numerous points in the process to maintain product uniformity.

*Headquartered in Purcellville, VA, Unity Scientific, Inc., is recognized worldwide as a technological leader in Near-Infrared Spectroscopy. Additional information on the TransStar Software Suite or the SpectraStar series of analyzers can be obtained by writing to Unity Scientific, Inc., PO Box 1030, Purcellville, VA 20134; by calling (540) 338-8991; or by visiting www.unityscientific.com.
info@unityscientific.com*