



Pion Launches Au PRO 5.1 – The Latest in Pion’s Comprehensive Monitoring Software

May 1st, 2014 — formerly known as the μ DISS Profiler Command Software, Au PRO 5.1 brings Pion’s fiber optic users advanced and powerful tools for the analysis of kinetic solubility and dissolution. Addressing the needs of today’s drug development scientist, Au Pro 5.1 provides exciting new ways to analyze data.

Director of Science & Research, Dr. Konstantin Tsinman said: “Our development team feels like we have changed the way customers will treat spectroscopy data acquisition and analysis.”

- **Implementation of ZIM (Zero Intercept Method) for Dual Component Analyses**
 - An application of second derivative spectroscopy to account for the presence of two different absorbing components within the same matrix
- **Two Component Concentration Monitoring**
 - Enabling multiple standard curves to be utilized for the analysis of dual component systems
- **Spectral Shape Analysis**
 - Detection of Spectral Changes Between Standard and Sample Spectra due to pH, degradation, or other chemical in situ phenomena
- **Media Change Manager with Volume Tracking vs. Time**
 - Allows for a single data file to have multiple media addition steps while accurately calculating concentration and % Dissolved
- **Reference and Blank Channel Designation**
 - Accounts for changes in molar absorptivity related to peak shifting, media change, or any other chemical change in a drug substance

Plus:

- **Advanced Baseline Correction Algorithms**
- **Expanded Data View: Showing All Spectra at Once**
- **Zoom in of Time and Concentration Axis**
- **Integration of μ DISPENSER (An automated media addition and changeover device)**

About Pion Inc

Pion Inc. develops and manufactures instrumentation for compound testing in pharmaceutical R&D. These include high-precision fiber optic-based analytical instruments for solubility and dissolution measurements, as well as complete systems for permeability (PAMPA), solubility, and ionization. Additionally, Pion provides CRO services for solubility, permeability, dissolution, pK_a , lipophilicity testing.

---oooOooo---

Contact Us: For more information, please visit www.pion-inc.com, call us at +1-978-528-2020 (x22), or send us an email at sales@pion-inc.com.