

## PRESS RELEASE

March 23, 2009

Chemsultants International  
9079 Tyler Blvd.  
Mentor, Ohio 44060  
www.chemsultants.com

Contact:  
Joe Mausar (Director of Marketing)  
440.974.3080

### **ChemInstruments is pleased to announce acquisition of the Tantec line of Contact Angle Meters**

ChemInstruments has acquired the manufacturing and distribution rights to the CAM-Plus contact angle meters formerly produced by the Tantec Group.

It is often difficult to bond plastic materials to metals or other plastic materials. Printing a plastic film or other low energy surface can also be a problem. In order to successfully accomplish these, the liquid adhesive, or ink must be able to wet the surface of the material.

Wet ability depends on one specific property of the surface: Surface Energy often referred to as Surface Tension. The patented CAM-Plus "Half Angle" measurement method combines reliable surface energy measurement with ease of use (U.S. Patent # 5,268,733).

The CAM-Plus design eliminates the difficulties associated with typical tangent angle measurement methods. Offering simple, reliable and consistent operation, the CAM-Plus quickly determines surface energy measurements to facilitate printing and coating operations of all types.

ChemInstruments new "Tantec" CAM-Plus contact angle meter design provides: operator independent consistent measurements with dyne level readings from 10 to 70, an easy to use finite liquid dispensing system for improved accuracy (sessile drop), a bright clear image on a large display screen for ease of viewing, and multiple platform configurations for small samples, films, wire, tubular samples, printed circuit boards (PCB), plastic ball grip array (PBGA's). The CAM-Plus has been designed for full





## PRESS RELEASE

compatibility with test methods: ASTM D20.19, D724, D5946, and TAPPI T458 cm-94, and is available with a N.I.S.T. traceable angle certification report.

With the addition of the CAM-Plus surface energy meter product line, ChemInstruments now can support customers requiring precise contact angle measurements on material surfaces ranging from circuit boards to pieces of wire, film and paper. "The CAM-Plus surface energy meter and its patented method of calculating contact angles allows users to get a true reading of the correct surface energy before they print ink on packaging materials, apply adhesives to film label stock, or apply release coatings to paper and film liners," said Keith W. Munny, president of the company's ChemInstruments division. "We think it is an excellent addition to the globally recognized line of ChemInstruments testing equipment for the adhesive, sealant, ink and converting industries."

ChemInstruments  
510 Commercial Drive  
Fairfield, OH 45014  
Phone: 513.860.1598  
Fax: 513.860.1597  
[www.cheminstruments.com](http://www.cheminstruments.com)

#####

ChemInstruments, Inc. is a part of Chemsultants International - a worldwide leader in the research, development and testing of novel polymer-based products and technologies. For over 20 years Chemsultants International has shared an entrepreneurial spirit and provided creative solutions to companies world-wide in markets as diverse as Aerospace, Medical, Electronics, Tape & Label, Pharmaceutical, Automotive, and many more.