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FOR IMMEDIATE RELEASE

New Ultrasensitive Auto-iTC₂₀₀ Microcalorimeter

Northampton, Mass. (August 13, 2008) – MicroCal introduces the latest advance in Isothermal Titration Calorimetry (ITC), the Auto-iTC₂₀₀, which is designed to address the needs of today's life science researchers – particularly those in drug discovery and development.

The system combines the performance of the ultrasensitive iTC₂₀₀ with full automation to run of up to 75 samples per day. The Auto-iTC₂₀₀ enables the determination of all binding parameters in a single experiment, label-free and without the need for immobilization, using as little as 5-10 µg of protein per experiment. This system provides scientists with a powerful tool to develop new drugs without the limitations imposed by traditional assay systems, which often lack biological relevance.



The Auto-iTC₂₀₀ is completely automated with all functions operated through software which includes integrated design wizards to assist in selecting experimental run parameters. Fully automated post-run data analysis utilizes Origin[®], a market-leading data analysis package. Results are also exported in Microsoft Excel format for further analysis or data transfer. A wide range of applications can be accomplished with the Auto-iTC₂₀₀ including: characterization of molecular interactions of small molecules, proteins, antibodies, nucleic acids, lipids and other

biomolecules, enzyme kinetics, assessing the effects of molecular structure changes on binding mechanisms (SAR), and biotherapeutic construct selection.

To learn more about ultrasensitive microcalorimetry in the fast lane with the Auto-iTC₂₀₀ or the latest developments in ITC, go to www.Auto-iTC200.com or call MicroCal at 800-663-3115.

ULTRASENSITIVE CALORIMETRY FOR THE LIFE SCIENCES™

Headquartered in Northampton, MA, MicroCal develops and manufactures the most sensitive and reliable microcalorimeters available, primarily for use in the life sciences. With unsurpassed technical and applications support, MicroCal has been the world leader in ultrasensitive calorimetry for the life sciences for more than 30 years.

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