



***in situ* dissolution monitoring
instrumentation & analytical services**

Mark Sackler
Sales Manager
Delphian Technology
msackler@delphian-tech.com

Delphian Technology Launches The μ DISS™

An Ultra-Small Dissolution Apparatus for Drug Development

Woburn, Mass., Jan 25, 2005—Delphian Technology Inc., a pioneer provider of fiber-optic analytical tools for pharmaceutical dissolution analysis, today announced it has exclusively developed the world's first very -small volume dissolution apparatus, the μ DISS™. Designed for use with Delphian Technology Inc.'s patented fiber optic dissolution monitoring systems, the μ DISS handles volumes as small as 2 mL for intrinsic dissolution measurements on powders and for polymorph screening during scaling-up of compound production.

Due to the real-time, *in situ* measurements taken by Delphian's Rainbow Dynamic Dissolution Monitor™, the μ DISS requires no removal of samples during measurement. High data density and detailed, real-time dissolution profiles are the results.

"We are excited to be able to fill this long-standing need in the pharmaceutical discovery process," said Per Nielsen, President of Delphian Technology Inc., *"only the combination of μ DISS with the Rainbow Dynamic Dissolution Monitor makes this possible."*

The system will be available with two options, *micro*, for volumes from 5 mL to 20 mL, and *ultra-micro*, for volumes from 2 mL to 4 mL. Other features include:

- 6-well stable-temperature aluminum block capable of holding 12 mm or 24 mm vials for 2-4 mL and 5-20 mL dissolution respectively
- Individually controlled mini-stirrers for reproducible results
- Digital RPM readout of stirring speed
- Sturdy probe manifold to provide uniform height
- Outfit for thermostatically controlled water bath circulation
- *In-Situ* high-density data collection by the Rainbow Dynamic Dissolution Monitor. This obviates the need for sample collection and enables very small volume experiments
- Indigo™ dissolution software providing a simple, user-friendly interface that allows quick method development.

Developed in cooperation with a major pharmaceutical customer, μ DISS is available immediately in North America and Europe. For information, contact Delphian Technology Sales at #781-935-8939, ext. 27, or your local Delphian Technology Inc. sales representative.

About Delphian Technology Inc.

Delphian Technology Inc., located in Woburn, MA, is a major developer and supplier of analytical solutions for dissolution labs in the pharmaceutical industry. It holds several fundamental patents on the *in situ* UV dissolution measurement technology that provides significant timesavings in R&D and QC testing of solid dosage form pharmaceutical products.

Rainbow Dynamic Dissolution Monitor™ System, Indigo™ method development software, and μ DISS™ are trademarks of Delphian Technology Inc.

#