



US Contact:

Joe Olechno, Ph.D.
Labcyte Inc.
1190 Borregas Avenue
Sunnyvale, CA 94089
Toll free: 877 742 6548
Tel: 408 747 2000 x161
Fax: 408 747 2010
Email: Joe.Olechno@Labcyte.com
www.labcyte.com

Labcyte Awarded 40th US Patent
Real-Time Power Optimization Expands Capabilities

Sunnyvale, CA — August 24, 2010 — Labcyte, whose Echo[®] liquid handling platforms move liquids with sound, today announced the grant of its 40th US patent. Patent number 7,717,544 describes how in real time acoustic energy is optimized to transfer a droplet of any fluid, even those that are unknown. Labcyte's acoustic droplet ejection technology offers touchless transfer of a wide variety of fluids, with major benefits in life science applications including drug discovery, genomics, proteomics and diagnostics.

"This new feature—already incorporated in our products—allows customers to transfer liquids for a wide range of applications including siRNA screening, qPCR, genotyping and total assay assembly for drug discovery," said Rich Ellson, Labcyte CTO. "Customers have chosen Echo liquid handlers because they provide better precision and accuracy, reduce operating costs and eliminate cross-contamination. The technology described in the patent allows users to transfer many different fluids with factory-installed calibrations that require no user customization. By delivering precisely the amount of acoustic energy required the challenges faced by other liquid handling platforms, such as variable surface tension and viscosity, are eliminated. The built-in intelligence of the Echo platform automatically optimizes fluid transfer well by well."

About Labcyte

Labcyte Inc. uses sound to move liquids. This eco-friendly, 'touchless' technology eliminates the pipette tips used in conventional liquid handlers. Not only does the elimination of pipette tips save hundreds of thousands of dollars in decreased consumables but it provides dramatically better answers as compounds and other materials adsorb to pipette tips during transfer. Accuracy is maintained from first drop through last for a wide variety of fluids, including many considered intractable by other liquid handlers. This technology is coupled with our Deerac[™] instruments to make Labcyte a leader in liquid handling. Labcyte technologies have broad applications including compound management, high-throughput screening, total assay assembly, genomics, proteomics, particle manufacturing, encapsulation, imaging mass spectrometry, and live-cell transfer and are in use by all ten of the top ten pharmaceutical companies. Labcyte, headquartered in Sunnyvale, California, has 40 U.S., 8 European, and two Japanese patents and additional U.S. and international filings. For more information, visit www.labcyte.com.

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