

## Microsonic Systems Wins this Year's R&D 100 Award

*SAN JOSE, CA, July 9, 2010*

Microsonic Systems Inc. ("Microsonics") announced today that its HENDRIX SM100 Ultrasonic Fluid Processor has been named a winner of the 48<sup>th</sup> Annual R&D 100 Awards. Recipients of these prominent awards are selected by an independent judging panel and the editors of *R&D Magazine* as the top 100 technologically significant products introduced into the marketplace over the past year.

"Microsonics is honored to receive an R&D 100 Award for its first product," said Vibhu Vivek, chief technology officer of Microsonics and principal inventor of the HENDRIX SM100. "This recognition validates our efforts to use our proprietary Lateral Ultrasonic Thrust™ (LUT) technology to improve life science research, especially as we continue to seek new applications and broaden our product offerings."

The HENDRIX SM100 Ultrasonic Fluid Processor serves four key applications: compound solubilization, sample thawing, microplate mixing, and magnetic particles/cells suspension. Originally launched as a microplate mixer, the HENDRIX SM100 was subsequently enhanced to cover a wider range of applications and to satisfy market demands for higher throughput in sample preparation and fluid processing. Combining the company's proprietary LUT technology and the unique design of the multi-channel transducer array, the HENDRIX SM100 enables rapid compound solubilization which reduces the hours-long process to minutes. The HENDRIX SM100 can also thaw frozen samples in a matter of minutes; this new use of ultrasonic technology facilitates the possibility of on-demand sample retrieval. In addition to mixing, solubilization and thawing, the HENDRIX SM100 suspends magnetic particles as well as live cells, which further expands its applications in life sciences to activities such as DNA extraction or isolation.

Together with Intel, Lawrence Livermore National Laboratory, MIT, Siemens, and other award recipients, Microsonics will be formally recognized at an awards banquet in Orlando, Fla., on November 11. A complete list of the winning innovations is available at [www.rdmag.com](http://www.rdmag.com).

### **About R&D Magazine**

Since its founding in 1959 as *Industrial Research*, *R&D Magazine* has served research scientists, engineers and technical staff at laboratories around the world, providing timely, informative news and useful technical articles that broaden readers' knowledge of the research and development industry and improve the quality of their work. *R&D Magazine* is a publication of Advantage Business Media.

### **About Microsonic Systems**

Microsonic Systems Inc. develops ultrasonic micro-fluidics instruments based on a novel, patented technology that significantly improves the accuracy and efficiency of research. The lateral ultrasonic thrust™ (LUT) technology, using a micro-electro-mechanical systems (MEMS) based transducer, creates bulk acoustic waves which prepare samples and processes fluids rapidly and homogeneously. Founded in 2004, Microsonics shipped its first production unit in 2009 from its facility in San Jose, CA. For more information, visit [www.microsonics.com](http://www.microsonics.com).

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