Microfluidics

Microfluidics to Donate LV1 Low Volume Microfluidizer® Processor to Innovative University Research Lab

Nanomaterials Processor Now Features Enhanced Temperature Control Options

March 17, 2011 - Newton, MA -To celebrate the one-year anniversary of its official launch in 2010, Microfluidics today announced a promotion to donate an LV1 Low Volume Microfluidizer processor to a qualifying university or government research laboratory.

The LV1 was developed to fulfill strong customer demand (particularly amongst universities, biotechnology and pharmaceutical companies) for a scalable high shear processor capable of reducing particle sizes to the nano-scale and rupturing cells efficiently with samples as small as one milliliter (1 mL). The LV1 accommodates the needs of research labs with rare or expensive materials, or those working with high-value samples.

The donation is part of the company's Academic Research Collaboration (ARC) program,

which stimulates innovation at the university level by making its leading nanomaterials processors and services more readily available to universities around the world. To be considered, universities should schedule and participate in a meeting with a Microfluidics representative no later than May 27, 2011. The randomly selected qualifying university will be announced on June 1, 2011. For details and to enter, visit www.research.net/s/JZBW2D5 .

"Research innovation occurs most often at the university level," said Michael C. Ferrara, President and Chief Executive Officer of Microfluidics. "We developed the ARC program, as well as this current LV1 donation, in order to help cutting-edge researchers obtain the tools they require in their work. Whether developing drug delivery technologies or novel applications of carbon nanotubes, universities collaborate with industry to develop products and drugs that change the world."

In addition, Microfluidics has enhanced the LV1's ability to control sample temperature throughout processing in order to minimize protein denaturation. This will help improve yield and activity after cell lysis, as well as optimize the integrity of temperature-sensitive emulsion and suspension applications.

"Responding to customer demand, we've developed an additional exclusive LV1 feature for enhanced temperature control," said Bill Kober, Vice President of Sales - Americas and Asia East. "The LV1's cooling coils, with three options ranging in length from one to three feet, combine with our standard cooling tray to remove most or all of the heat added during processing. Given the strong demand for a product with these capabilities and positive customer response, the LV1 has quickly proved to be a popular addition to our product line - and these new cooling coils will only increase its ability to help customers solve their processing challenges."

To see the LV1 in action, including a tribute to mixing green food coloring with numerous products to celebrate St. Patrick's Day in Boston, subscribe to the official Microfluidics YouTube channel: http://www.youtube.com/user/mixinginfo .

ABOUT MICROFLUIDICS

Microfluidics, an IDEX company, is the exclusive producer of Microfluidizer® high shear fluid processors for uniform particle size reduction, robust cell disruption and bottom-up nanoparticle creation. Used primarily by pharmaceutical, biotechnology, chemical, cosmetic, nutraceutical/food and energy companies to research, develop and improve products with efficient processes, more than 3,000 Microfluidizer processors are installed at customer sites in 50 countries around the world. The innovative MicrofluidicsTechnologyCenter, located at the company's headquarters outside
Boston
,
Mass.
, is staffed by expert engineers with a wide range of nanotechnology and application experience for Proof of Concept and Process Development services.

By producing smaller particle sizes and a more narrow distribution than other technologies, with scaleup from lab to production guaranteed, Microfluidics enables companies to create tiny particles that achieve big results. To learn more, visit www.microfluidicscorp.com .