

FOR IMMEDIATE RELEASE

## MICROFLUIDICS OFFERS CONTAINMENT UNIT FOR MICROFLUIDIZER® PROCESSORS

### Complies with OSHA 1910.119 Regulations for Processing Highly Hazardous Chemicals

Newton, Mass. - Microfluidics Corporation, in collaboration with Absolute Control Systems, Inc., introduces a containment isolator for use with its existing line of Microfluidizer® processors. The hermetically sealed, stainless steel containment isolator fully encloses the processor's high-pressure processing area, so it is safe to mix toxic or potent products.

Microfluidizers utilize pressures up to 40,000 psi to process highly stable, immiscible liquid emulsions or solids in liquid suspensions. Using the highest shear rates available, the processors uniformly reduce particles and droplets to submicron sizes in their patented, fixed-geometry interaction chambers. At pressures this high, it is important to minimize hazardous product aerosolization in order to ensure the safety of the operator and environment.

The containment isolator features negative-pressure HEPA filtration to prevent material from entering the operator's breathing zone. Thanks to a special housing unit, operators can safely replace these filters without exposure to the trapped toxic particles.

The containment isolators are available for all Microfluidizer processor models. Factory Acceptance Testing (FAT) is performed at both Microfluidics and Absolute Controls to ensure reliable performance.

#### About Microfluidics

Microfluidics, a wholly owned subsidiary of MFIC Corporation, provides patented and proprietary high performance Microfluidizer® materials processing equipment to the biotechnology, pharmaceutical, chemical, cosmetics/personal care and food industries. Microfluidics applies its nearly 20 years of high pressure processing experience to produce the most uniform and smallest liquid and suspended solid structures available, and has provided manufacturing systems for nanoparticle products for more than 15 years. The Company is a leader in advanced materials processing equipment for laboratory, pilot scale and manufacturing applications, offering innovative technology and comprehensive solutions for nanoparticles and other materials processing and production. More than 3,000 systems are in use and afford significant competitive and economic advantages to Microfluidics equipment customers.

Companies seeking an affordable, high-pressure fluid processor can get complimentary sample testing at one of three Microfluidics facilities. Visit [www.microfluidicscorp.com](http://www.microfluidicscorp.com), email [mixinginfo@mfics.com](mailto:mixinginfo@mfics.com) or contact Microfluidics at 800.370.5452 for application information.

#### About Absolute Control Systems, Inc.

Founded in 1991 in Golden, Colorado, Absolute Control Systems (ABSOLUTE) began as a custom control system integrator for containment glovebox users and manufacturers across the United States. In early 1995, ABSOLUTE evolved into a full service design and fabrication company, specializing in Barrier Isolators for the Pharmaceutical Industry. With an in-house engineering team, ABSOLUTE offers complete turnkey solutions difficult containment problems.

