



**PRESS RELEASE**

**FOR IMMEDIATE RELEASE**

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**Intelligent Micro Patterning Announces New Product:  
The Microfluidics Research Option on the SF-100 XTREME System**

Intelligent Micro Patterning, LLC, St. Petersburg, Florida, announced a new product today, the Microfluidics Research Option (MRO) on the SF-100 XTREME maskless lithography system.

The SF-100 XTREME system supports microlithography for micropatterning of features as small as 1 micron in size. The SF-100 XTREME is a unique, maskless photolithography system that utilizes patented Smart Filter technology, licensed by Intelligent Micro Patterning, LLC from the University of South Florida. Smart Filter technology incorporates proprietary, cutting-edge, micro-optical techniques to rapidly project master images directly onto diverse substrate materials. The SF-100 XTREME MRO utilizes all of the standard features of an SF-100 XTREME and then provides additional features such as substrate temperature control, a modified substrate stage for microfluidic device testing, and additional light filtering for further analysis capabilities.

Dr. Jay Sasserath, the Company's Chief Executive Officer, stated, "The SF-100 XTREME MRO is a unique system addition to our standard microlithography patterning system. Using this option, the microfluidics researcher can now fabricate and then characterize microfluidics devices on a single platform. A partial list of testing capabilities includes varying excitation and emissions spectra, allowing for gray scale spatial illumination and fluorescence imaging and measuring particles in flow (including creating particle image velocimetry (PIV) like conditions). Combining these capabilities with the SF-100 XTREME's standard in line camera, which provides for both video and still data collection, and the ability to integrate the SF-100 XTREME platform with other systems through our open system architecture, the SF-100 XTREME with MRO is uniquely positioned to support advanced microfluidic research as a single, easy to use unit."

More information on the SF-100 XTREME Microfluidics Research Option can be found at [www.intelligentmp.com](http://www.intelligentmp.com) or at Intelligent Micro Patterning's booth (#31) at the MicroTAS 2008 Conference, San Diego, California, USA, October 13-16, 2008.