



NEWS

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LabSmith Automated Valves Speed Construction of Micro/Nano-fluidic Experimental Setups

LIVERMORE, CA (September 28, 2011) – LabSmith, Inc., developer of tools for science, has added automated valves to its uProcess family of hardware and software products for automated microfluidic and nanofluidic experimentation.

LabSmith's AV201 automated, 2-position valves provide programmable control over fluid routing in a fraction of the footprint required by most valves. AV201 valves provide "L" pattern flow routing at pressures up to 10 kpsi, with models available for use with 360 micron, 1/32" or 1/16" tubing. All models feature zero dead volume connections, nanoliter swept volumes, rapid, reliable switching, low carryover and easy cleaning.

AV201 valves can be easily mounted on LabSmith's uProcess breadboards, which include mechanical and electronic connections for software-based control. Breadboard mounting offers easy assembly into fluid circuits using LabSmith's CapTite™ interconnect products*, SPS01 programmable syringe pumps and other components.

Windows® based uProcess software simplifies the creation of microflow sequences and make it easy to integrate AV201 valves into sophisticated control systems.

About LabSmith, Inc.

LabSmith, Inc. builds laboratory tools that further the art of research. LabSmith products control all aspects of experimentation, including timing, synchronization, high voltage and current sourcing, fluid routing and event capture and visualization. Visit www.labsmith.com.

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* Some CapTite products are based on inventions licensed from, and developed by, Sandia National Laboratories.



LabSmith AV201 automated valves provide programmable control over fluid routing in a fraction of the footprint required by most valves. A high resolution version of this photo is enclosed.

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