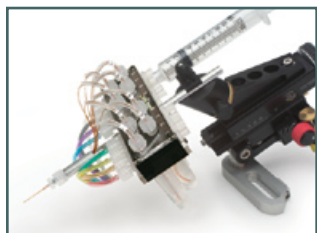


### SmartSquirt Reservoir Block



- Uses standard 2.5ml cryo-tubes as reservoirs
- Minimize cross-contamination with BackStop™ back-flow prevention: one-way check valves inside the reservoir block prevent liquid backflow from the tip
- Easy ports for refilling reservoirs
- Convenient manipulator mounting
- Luer lock tips are interchangeable with our standard Perfusion Pencil®

### Integrated Pressure Regulator



Precision regulator, gauge, 5 micron filter and electric valves are built-in.

# Perfuse microliter volumes of precious solutions.



### SmartSquirt® Micro-Perfusion System

- **Deliver as little as 100 microliters of precious drugs**  
Switch between eight solutions in milliseconds from a single tip.
- **Valves and pressure controls in a small box near microscope - no stand necessary**  
Includes pressurized large-volume reservoir for buffer.

Programmable dispensing, microinjection, perfusion or spritzing of reproducible microliter volumes. Up to eight solutions are stored in cryo tubes with easy syringe refill ports. Included pneumatic valves deliver regulated air pressure to push liquids out of the SmartSquirt Perfusion Pencil tip. An AutoMate Scientific (or other) valve controller offers programmable, manual or computer-controlled valve selection for switching which reagent is delivered from the tip. Pulse a valve quickly for microliter delivery, or leave it on for constant perfusion. The short delivery path saves expensive reagents. Integrated BackStop check valves prevent backflow found in competing micro-perfusion systems.

#### Ordering Information:

Choose a SmartSquirt Micro-Perfusion System at:  
[www.autom8.com/smartsquirt.html](http://www.autom8.com/smartsquirt.html)

Order 4 or 8 channels, with or without a valve controller.

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