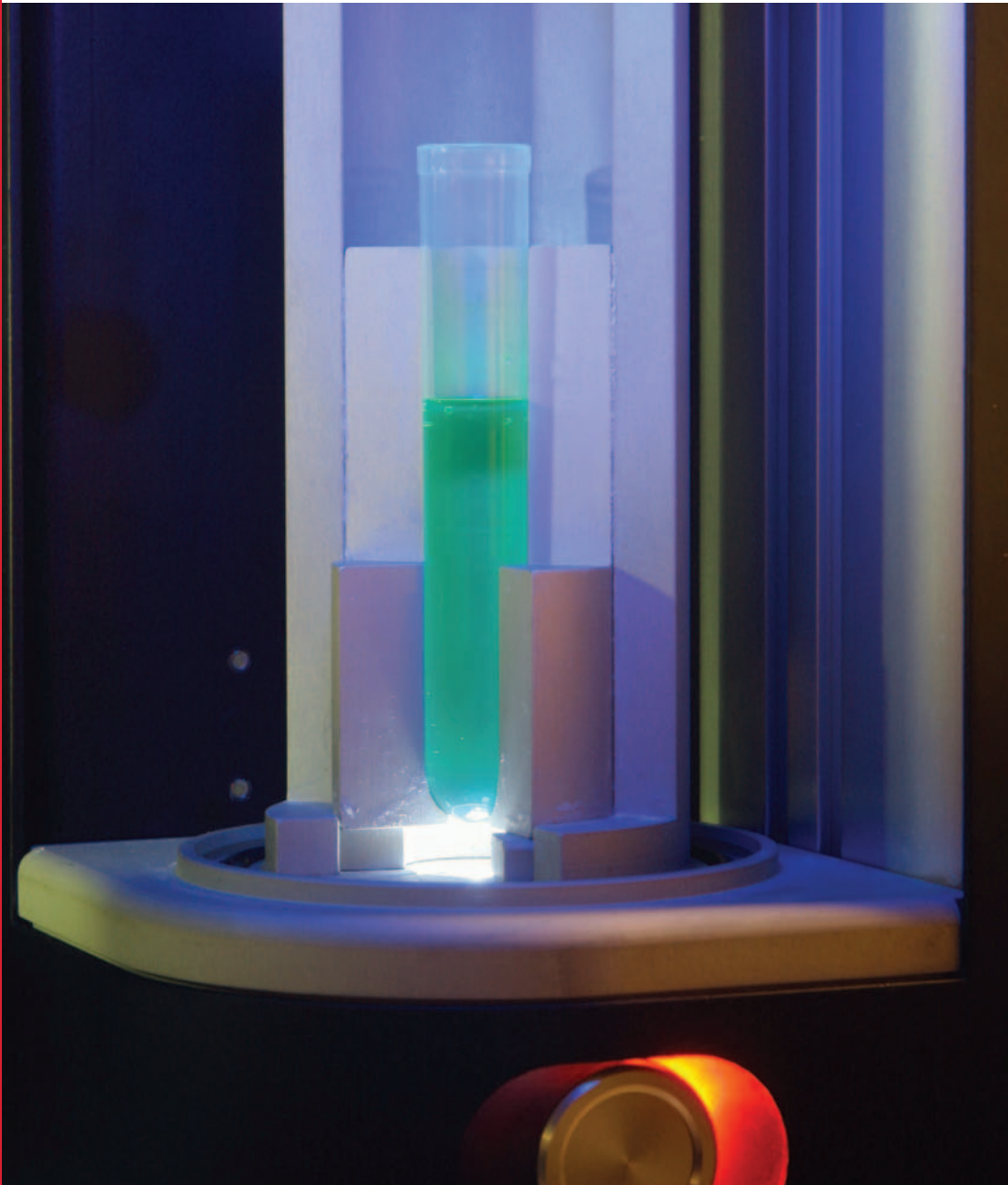


FLOW CYTOMETRY

MoFlo™ | SmartSampler



Designed around the way you work, with an open platform and automated features to increase productivity.

SmartSampler is the latest product innovation for sample introduction on the MoFlo High-Performance Cell Sorter, streamlining sample-handling operations normally performed manually by the instrument operator.

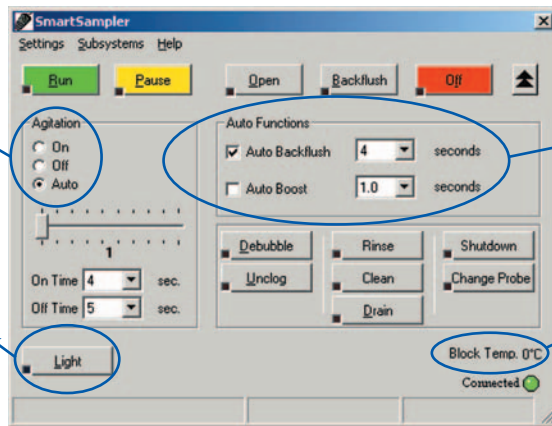
SmartSampler easily accommodates tube sizes from 0.5 to 50 mL for your custom formats. Other features include agitation and temperature control, as well as single push button operation for starting or stopping a run.

MoFlo SmartSampler

From small volumes to large, your sample requirements change frequently. Now, use a sample input system that saves both time and money.

Flexible Sample Input

- Unique small-tube format reduces sample dilution requirements.
- Large-tube format for longer continuous sorts.
- Agitation keeps cells in homogeneous solution, critical for even distribution of rare events.
- Temperature control maintains viability for cell re-culture.
- End-of-sample (air) detection enables an entire sample run with minimal waste of source material and reagents.
- Automated backflush and cleaning for dense or sticky samples reduces clogs and facilitates high-speed sorting.
- Front panel button and LED displays promote one touch operation for high throughput and automated operation.
- The Lexan chamber seals the sample environment for superior control and operator safety.
- Filtration removes potential aerosols as small as 0.3 µm in exhausted air at 99.995 percent efficiency, protecting the operator.



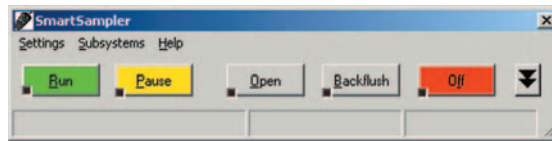
Agitation
Programmable for continuous or intermittent operation.

Light
Integrated LED for viewing sample level.

Auto Functions
Automated features for starting sample flow and cleaning between tubes.

Block Temp.
Temperature read-out continuously monitors sample environment.

The SmartSampler software interface displays all modes of operation and is easy to use.



Minimized view saves desktop space, allowing rapid operation.

SmartSampler Specifications

Tube Sizes	0.5 – 50 mL
Nozzle Sizes	70 – 200 mm
Temperature Control	-4 – 40 °C
Sample Pressure	5 – 85 psi
Dimensions	18 cm W x 10 cm D x 44 cm H

For Research Use Only. Not for use in diagnostic procedures.



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