

The Laminar Wash™ AUTO1000 System

Turnkey Solution for Fully Automated Flow Cytometry Sample Staining and Preparation

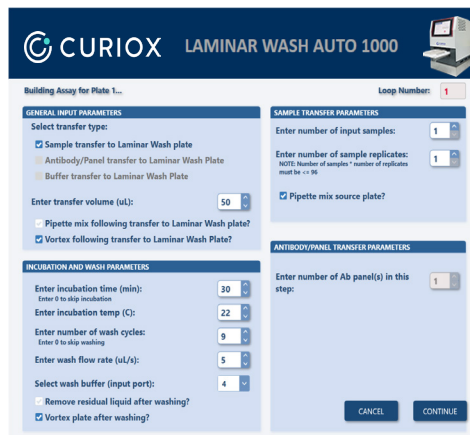
The Laminar Wash AUTO1000 System couples centrifuge-free suspension-cell sample preparation with automated pipetting and plate handling of the Hamilton NIMBUS platform. The intuitive software interface enables any user to input custom staining protocols with full traceability and walkaway capability, ensuring consistency.

- Turnkey Solution for Surface & Intracellular Staining – Designed for biologists to improve reproducibility and lab efficiency without needing prior robotics or scripting knowledge
- Enables compliance – Every step of the protocol is recorded in the software
- Reproducibility – Eliminates manual pipetting errors and inter-user variability
- Standardized results – Across users and locations

- Cleaner data – Reduces the amount of background and debris, while improving cell segregation and resolution, especially with tissue samples



High-throughput cell washing station (HT2000)



Software with User Interface



Hamilton NIMBUS Extended Deck

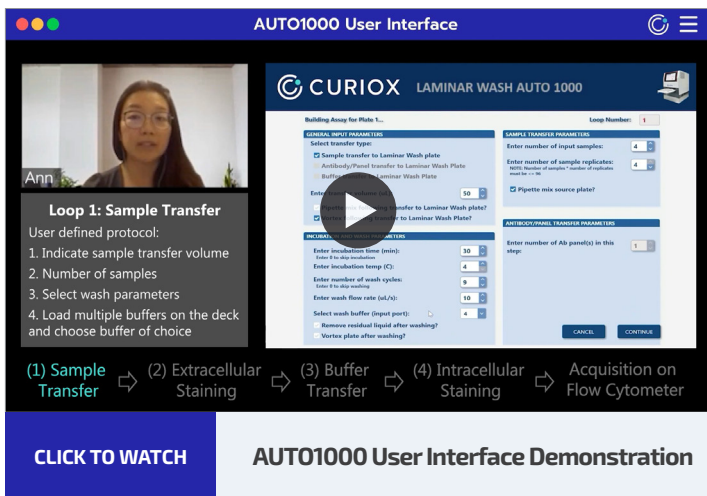


Laminar Wash Plate with 96 wells

Automate right out of the box.

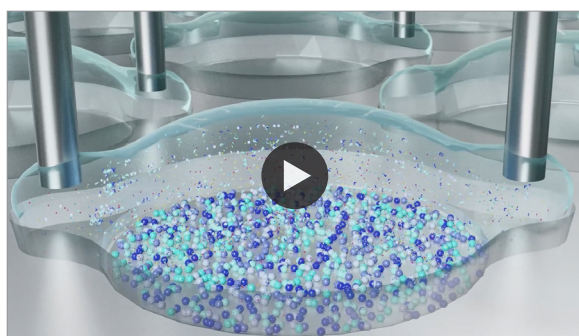
“The [Laminar Wash] technology makes it very easy to transfer an assay from one group to the next or to train new operators. We’ve maintained the ability to detect rare cell populations, which is important as we develop the next round of cell therapy products.”

Dr. Arnaud Colantonio
Kite Pharma
(formerly Adicet Bio)

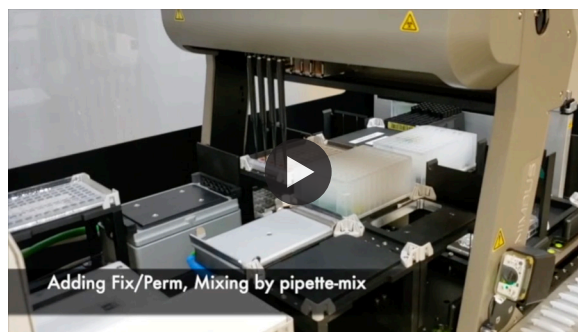


Intuitive Software User Interface

- No coding or programming required – The software user interface prompts the user to enter assay parameters for easy SOP adaptation and little training.
- Customizable assays – Users can adjust wash, incubation, and panel transfer parameters, save favorite runs, or choose from pre-loaded protocols to ensure user consistency.
- Rapid time to results – The system processes two plates in under two hours using pre-programmed and/or user defined staining protocols



CLICK TO WATCH How Laminar Wash Technology Works



CLICK TO WATCH Automated Flow Cytometry Staining

Dimensions	89 cm H x 71 cm W x 136 cm D		
	35.0 in. H x 27.9 in. W x 53.5 in. D		
Voltage Requirements	100 - 240 V	Weight	120 kg
Power Consumption	24V/3.0A		

"By minimizing variabilities introduced through human error, we observe better staining results in terms of reproducibility and data quality."

Christoph Eberle, Ph.D.
Charles River Laboratories

Product	Part Number	Description
Laminar Wash™ AUTO1000 Station Standard Configuration	Auto-1000-96-01	Automated platform comprising of an optimized deck and intuitive software interface
Laminar Wash™ 96-well plate (with a regular lid)	96-DC-CL-05	96-well, coating for flow cytometry assays, sterile
Laminar Wash™ 96 well large volume adaptor	DC-GR-96-05	96 well plate grid to accommodate a larger volume
Buffer Exchanger 5-channel or 10-channel	DC-BX-01-05(10)	Buffer inlet system pedestals to support automation

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CURIQX BIOSYSTEMS INC.
400 W Cummings Park
Suite 4350 Woburn, MA 01801

T 1 781-606-9234
F 1 650 590 5406
E sales@curiox.com

Worldwide Contact Info at:
www.curiox.com/contact
Curiox.com