

At ThermoGenesis, we understand that the details are important. We take a lot of care in curating our products to give our customers the best possible equipment available on the market for their manufacturing needs. Contact ThermoGenesis to see how our line of products can help improve your process.

X-WASH SYSTEM ORDERING INFORMATION

Product Description	Catalog Number	Quantity
X-WASH System Start-Up Kit	80090	1
System Includes:		
• X-WASH Control Modules		
• X-WASH Docking Station		
• X-Counterweight (High, Medium, Low)		
• X-Balance Ring Kit		
• X-SERIES™ DataTrak Software		
X-WASH Control Module	80068	1
X-WASH Docking Station	80070	1
X-SERIES™ DataTrak Software	370377	1
X-WASH Disposable Cartridge	80086	2/box
	80085	12/box
	80081	36/box
X-Counterweight Kit	80091	1
X-Counterweight High	80080	1
X-Counterweight Medium	80079	1
X-Counterweight Low	80073	1
X-Balance Ring Kit (2.5g and 7.5g)	80074	20/box

COMPLETE SYSTEM SOLUTION



The X-LAB System includes the Control Module, Docking Station, X-SERIES DataTrak Software, Disposable Cartridge and associated accessories.

For ordering information, contact your local distributor or visit us at: www.ThermoGenesis.com

ThermoGenesis Corp.
2711 Citrus Road
Rancho Cordova, CA 95742
Toll-free: 800.783.8357(US/Canada)
Direct: 916.858.5100
Fax: 916.858.5199



X-WASH® System

A semi-automated closed system for rapid washing and concentration of cellular suspensions.



Traditional methods of cell washing and volume reduction are labor-intensive and tedious, and can reduce recoveries and/or viability of cells.

X-WASH PROVIDES A SOLUTION

- Consistent High Recovery (>90%) and Viability (>80%) of Cells
- Sterile, Single-Use, Functionally Closed System
- Process Volume up to 240 mL
- Programmable Harvest Volumes (3 – 40 mL)
- Short Processing Time

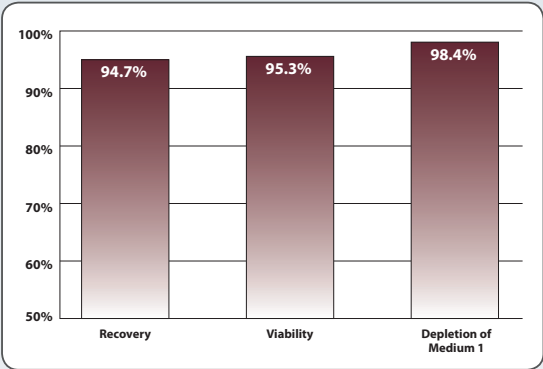
The X-WASH System separates, washes, and volume-reduces target high value cell populations to a programmable volume in a closed, sterile device. Semi-automated volume reduction of samples using highly sensitive infrared sensors help ensure consistent, reliable, efficient high-recovery results. Processing data can be transferred to the X-SERIES™ DataTrak software to provide process monitoring and reporting information.

THE X-WASH SYSTEM

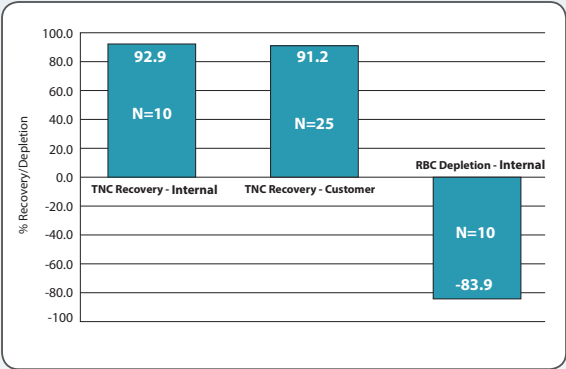
The X-WASH System is designed to wash, re-suspend and volume-reduce cell suspensions in a sterile, closed system. Process protocols can be customized to ensure consistently high cell recoveries. Highly sensitive infrared sensors detect the interface between cells and media and direct the washed cells into a dedicated harvest chamber. The harvest chamber can be pre-filled with media of choice for re-suspension of harvested cells. The X-SERIES DataTrak software enables seamless transfer of process data from the X-WASH Control Module to the database to provide GMP-compliant monitoring and reporting of process information.

THE THERMOGENESIS ADVANTAGE

Feature	X-WASH System
Customized Protocols	Yes
Process Volume	40 to 240 mL
Harvest Volume	Programmable (3 – 40 mL)
Average Process Time	10-15 minutes / wash cycle
Traceability	Electronic transfer of process data. Barcode compatible
Cell Recoveries	> 80%
Closed System	Yes



435 x 10⁶ Jurkat Cells Suspended in 198 mL of Medium 1 Washed and Resuspended in 40 mL of Medium 2



Recoveries of TNCs after Thaw/Wash protocol for frozen cord blood units

Data on file.

CELL WASHING WITH THE X-WASH SYSTEM:

