

Lovo

Cell processing system

A SMART SPIN ON THE SCIENCE OF CELL PROCESSING.



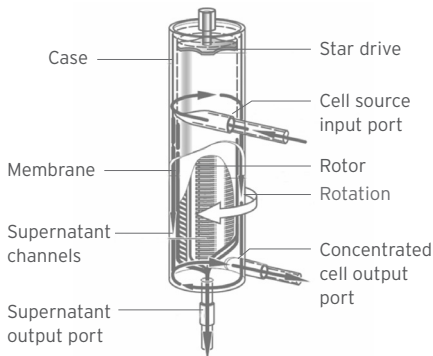


A smart spin is single-platform design

Gone are the days of ad hoc cell processing. A small, convenient bench-top instrument, Lovo streamlines cell washing and concentration into a single platform that's easy to incorporate into your laboratory's workflow. Lovo automates the labor-intensive tasks of supernatant exchange, volume reduction and volume addition of white blood cell products, offering operator-defined processing parameters that allow for improved flexibility, control and results specific to your cell processing needs.

Instrument features			
Processing volume range	Source: 100 mL - <8 L	Output: 50 mL - 5 L*	
Intelligent auto dilution for packed cell volumes	PCV >3%		
Benchtop design	Height: 24"	Width: 34"	Depth: 18" Weight: 75 lbs
Wash out range:	Up to 99,999%*		

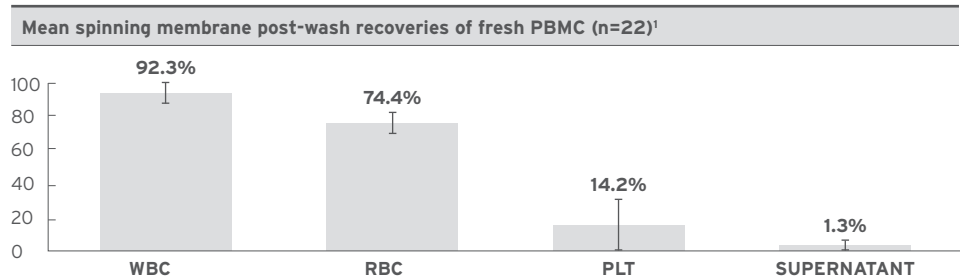
* Depending on cell type, cell concentration and source volume.



Lovo proprietary spinning membrane

A smart spin is soft cell processing

Enabling quality care depends on preserving the quality of your cell product. Lovo's proprietary spinning membrane filtration technology gently washes and separates white blood cells, maintaining their viability by avoiding unnecessary pelletization. With single-use disposable sets and few points of direct operator interaction, Lovo can reduce the risk of sample contamination.



99% supernatant reduction in under 7 minutes in a 200 mL source product¹

A smart spin is swift cell recovery

Improving procedural efficiency should never compromise quality. The only automated processing platform with a spinning membrane and intelligent autodilution, Lovo removes supernatant swiftly and safely, increasing the speed and accuracy of mononuclear cell recovery while minimizing cell loss.

Get your lab moving on the path to smooth, simple cell processing. **Call 1 800 333 6925 or visit www.fresenius-kabi.us**

Fresenius Kabi considers the Lovo system for laboratory use and not subject to medical device registration, clearance, or approval by the U.S. Food and Drug Administration (FDA), European Union, Health Canada, or the Australian Therapeutics Goods Administration. Cells processed on this system that are intended for diagnostic purposes, for direct transfusion, or for use in the production of a therapeutic product(s) or vaccine(s) for clinical use may require advance regulatory clearance or approval, which is the sole responsibility of the user.

¹ Presented at the 19th Annual International Society for Cell Therapies Meeting, April 2013. Data collected using prototype instrument. Wegener C, Heber C, Min K (2013). Novel Cell Washing Device Using Spinning Membrane Filtration. *Cytotherapy*. 15(4) S27. Abstract 86.