

CultureWash C-Pro application software

SEPAX™ C-PRO CELL PROCESSING SYSTEM

CultureWash C-Pro application software is designed to process cellular products in combination with the Sepax C-Pro instrument and CT-60.1 or CT-90.1 kit. It allows you to automatically concentrate and wash cellular products, from fresh or frozen units. With the wide range of volumes and flexible parameters, you can customize CultureWash C-Pro to fit your needs.

- **Dilute:** when you decide, easily activate the initial product dilution step and safely control your cell environment
- **Concentrate:** simplify cellular volume management performing volume reduction cycles when needed. Process initial volumes up to 1.2 L.
- **Wash cells:** effectively remove debris and reagents, and resuspend your cells in fresh medium. You can modify the two washing profiles independently.

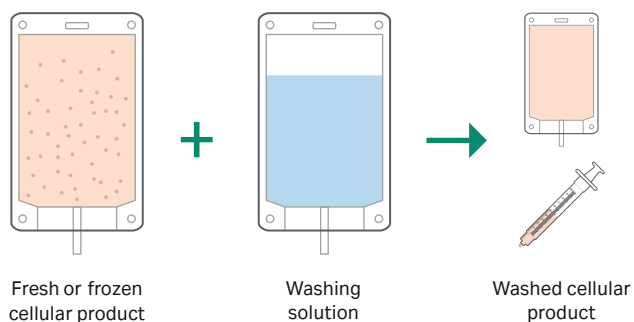


Fig 2. Processing operations available in CultureWash C-Pro.

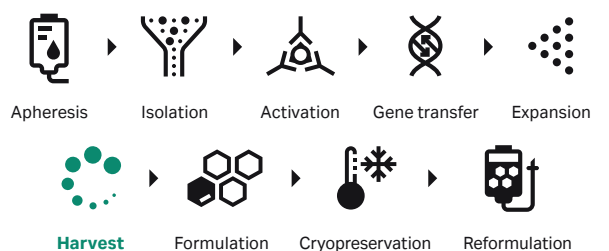


Fig 1. General workflow for cell therapy manufacturing. CultureWash C-Pro performs operations within the step highlighted in green.

Key features

Experience the versatility of Sepax C-Pro system in its entirety: our comprehensive software pack comprises all Sepax C-Pro system application software.

Feature	Description
Initial volume	20 to 1200 mL*
Initial dilution	Set a dilution up to 3 times the initial volume, at the desired speed – 10 to 120 mL/min
2 configurable wash steps	Independently choose g-force – 100 to 800 × g; time – 120 to 600 sec; and number of cycles – 0 to 3; for each step
Pause to switch solution bags	Add a short pause if you wish using a different solution for the wash and/or resuspension steps
Selectable final volume	8 to 500 mL ± 5 mL
Average processing time	60 min – depending on initial volume and selected parameters
Average cell recovery	> 80% [†]
Average cell viability loss	≤ 5% [†]

* Use of CT-90.1 is only validated for initial volumes up to 220 mL and 2 wash cycles.

[†] Indication only. Performance depends on user/product configuration.

Ordering information

Product	Product code
Sepax C-Pro applications software pack	29734656
<ul style="list-style-type: none">Product is supplied as a USB drive containing the software installer	

Related products	Product code
Sepax C-Pro cell processing instrument	29264741
CT-60.1 Sepax C-Pro cell processing kit	29264739
CT-90.1 Sepax C-Pro cell processing kit	29264740

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