

Thermo Scientific
CW3 Cell Washer

Fits in.
Stands out.

Thermo
SCIENTIFIC

Thermo Scientific™ CW3 Cell Washer

Precise, automated performance designed to provide thorough, reproducible blood cell washing, up to 24 tubes per run.



Fits in.

- To your space, with its compact footprint
- To your processes and protocols, with flexibility of 12- or 24-place rotors and standardized, repeatable procedures

Stands out.

- Fully automated cell washing cycle saves time
- User-friendly operation with keypad control and easy-to-read digital displays
- Automatic alerts indicate if the saline level is low, and when a run is complete

Easy-to-read digital display for simple, user friendly operation

Condition-setting panel allows more flexible protocols to optimize washing performance





Efficient Performance

- Fast run – finish washing 24 samples in 3 minutes
 - ▶ Achieve optimal corpuscle dryness by setting desired decanting speed
 - ▶ Improve corpuscle washing with optional overflow method during centrifugation step
- Optimize pelleting performance
 - ▶ For washing, tubes swing at a fixed positive angle to sediment cells rapidly at the bottom of the tube
 - ▶ For decanting, the rotor holds tubes at a slightly negative angle and the saline is decanted centrifugally

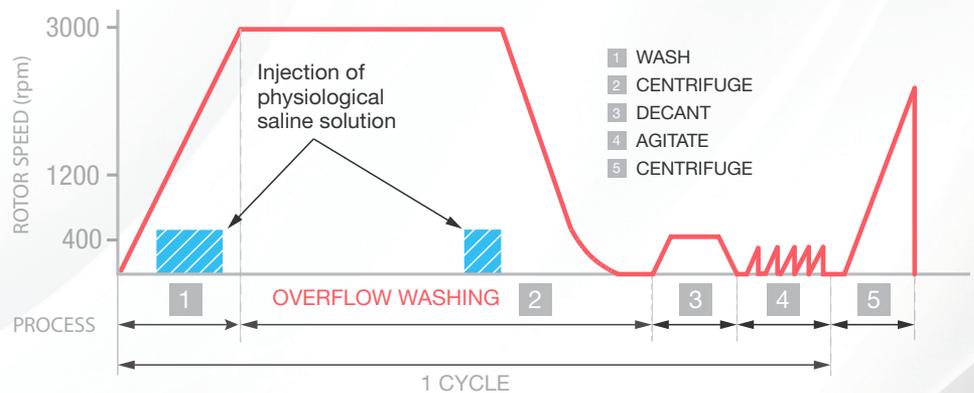
User-Friendly Design

- Save time with pre-set programs in automatic mode
- Manual mode available to wash the cells step-by-step, allowing closed monitoring of washing process
- Tube racks with red and blue number labeling for easy sample balancing
- Cleaning convenience with easy-to-remove catch basin, rotor and rotating bowl

Safe Operation

- Automatic alerts for low or disrupted saline level and for a completed run
- View port on top of unit is available for speed calibration
- Reduces risk of cross-contamination with the saline distributor mounted directly on top of the rotor
- Low-maintenance design with easy-to-change pump tubing

Operational Sequence



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Specifications	Description
Maximum Speed	Centrifuge 3,000 rpm Wash 1,200 rpm Decant 350-500 rpm
Maximum RCF	Centrifuge 1,180 x g Wash 190 x g
Maximum Capacity	24 tubes
Tube Dimensions	12 x 75 mm or 10 x 75 mm
Process Display	4-stage display: Wash ■ Centrifuge ■ Decant ■ Agitate
Process Time Per Cycle	60 seconds (Automatic centrifugation time: 35 seconds)
Timer	Automatic: 1 to 99 seconds in 1-second increments Manual: 1 to 999 seconds in 1-second increments
Cycle	1-9 cycle settings
End-of-run Notification	No sound ■ 5 selectable melodies ■ Electronic beeps
Safety Devices	Door interlock ■ Dual-overspeed detector ■ Saline level sensor
Dimensions (W x D x H)	37 x 45 x 41 cm ■ 14.6 x 17.7 x 16.1 in
Weight	28 kg ■ 61.6 lb
Standards	IEC 61010-1 ■ IEC 61010-2-020
Certifications	CSA certified ■ CE marked

Ordering Information

Cat. No.	Description
75007405	Thermo Scientific CW3 cell washer, 220-230 V, 50/60 Hz
75000020	24-place rotor assembly with distributor
75000021	12-place rotor assembly with distributor

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