



Thermo Scientific CW3 Cell Washer

Fits in. Stands Out.

ThermoFisher
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

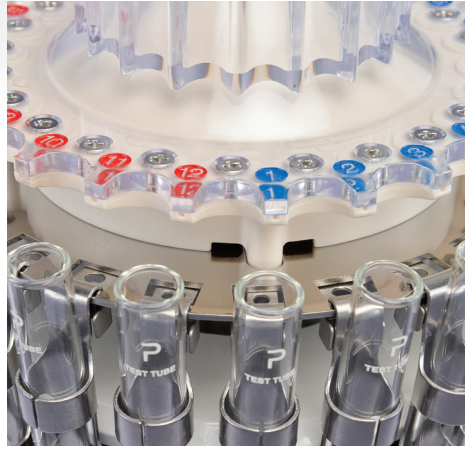
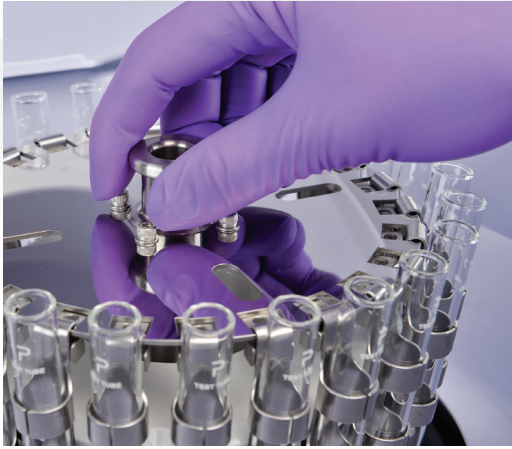
Condition-setting panel allows more flexible protocols to optimize washing performance



SUBSEQUENT APPLICATIONS

Antiglobulin tests, ABO compatibility, Rh testing, Cross matching and Antibody screening.

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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

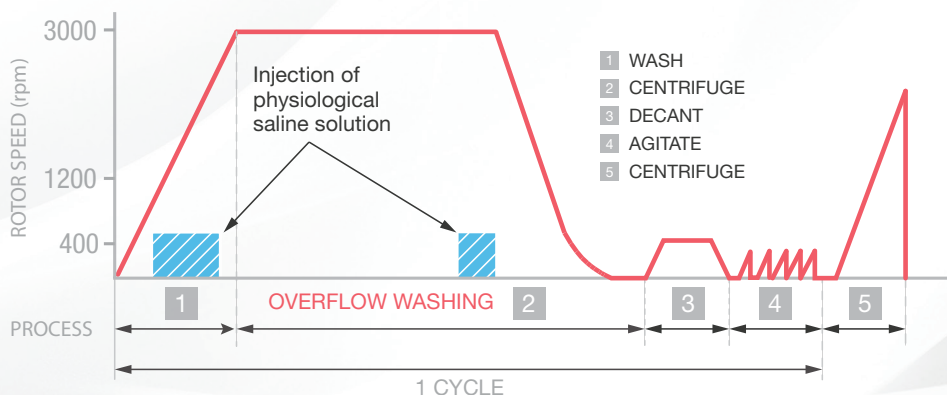
User-Friendly Design

- 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 ■ EN ISO 13485
Certifications	UL listed ■ CSA certified ■ CE marked ■ FDA Class 2 ■ IVD compliant

Ordering Information

Cat. No.	Description
75007404	CW3 cell washer, 120 V, 60 Hz
75007402	CW3 cell washer, 120 V, 60 Hz, with 24-place rotor assembly with distributor
75007400	CW3 cell washer, 120 V, 60 Hz, with 12-place rotor assembly with distributor
75007405	CW3 cell washer, 220-230 V, 50/60 Hz
75007406	CW3 cell washer, 220-230 V, 50/60 Hz, with 24-place rotor assembly with distributor
75007407	CW3 cell washer, 220-230 V, 50/60 Hz with 12-place rotor assembly with distributor
75000020	24-place rotor assembly with distributor
75000021	12-place rotor assembly with distributor

Rx Caution: Federal law restricts this device to sale by or on order with a qualified clinical facility manager or equivalent.

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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

