

# Automatic Cell Washer



*UltraCW<sup>®</sup> II*  
CELL WASHING PERFECTED

Helmer Scientific

# UltraCW<sup>®</sup> II Cell Washer

## Cell Washing Perfected

Exceptional performance and consistent, reproducible results with intuitive programming for high performance automated cell washing.

Tube testing is considered the gold standard for ABO and Rh grouping, antibody identification and cross-matching.



*Create in-line programs that complete all spin steps within the UltraCW<sup>®</sup> II*

## Intuitive Programming

- » Create programs quickly with the easy-to-use touchscreen interface
- » Achieve optimal results by customizing programs to your protocols
- » Incorporate check and spin steps into programs making it easy to run wash cycles, add reagents, and perform a quick spin
- » Use pre-set programs for convenience
- » Create streamlined workflow with no need to transfer tubes to separate centrifuge for spin
- » Track the progress of the process while the program is running



### Consistent, reproducible results

- » Electronic flow meter provides precise saline fills
- » Digital calibration offers easy and accurate control of saline volumes and eliminates time-consuming, cumbersome manual calibration



### Ergonomic, compact footprint

- » Low profile creates a comfortable and ergonomic working position
- » Small footprint fits conveniently in your space



### Safe, convenient operation

- » Saline removal channel drains decanted saline out of the UltraCW II
  - » Channel is easily removed for quick cleaning
- » Alerts provided for cycle errors and end of program
- » Quick-view window aids RPM calibration
- » Superior construction including powder-coated body and stainless steel rotor hub minimizes corrosion
- » Lid interlock safely prevents lid from opening during operation



### Time saving performance

- » Flexibility of 12- or 24-place rotors increases productivity and sample capacity
  - » Complete antibody identification in one run
- » Completed wash cycle in 60 seconds increases productivity and turn-around time
  - » Set desired decanting speed to achieve optimum results
- » Unique rotor design locks tubes in place and spins in the opposite direction during decanting for optimum pellet results
  - » Eliminates conventional plunger valve and associated bowl cleaning steps





## Ease of Use

- » Diaphragm pump allows saline supply to be located above or below the UltraCW II
- » Saline is directly connected to cell washer, eliminating inconvenient saline transfer steps
- » Convenient cleaning procedure designed to reduce downtime

## Helmer Scientific UltraCW® II

Specification	Description
Maximum Speed*	3,500 rpm
Maximum Capacity	12-place rotor 12 10x75 or 12x75mm tubes 24-place rotor 24 10x75 or 12x75mm tubes
Electrical	100V - 240V, 50/60Hz 1.38A / .655A
Interface	Color touchscreen display with icon prompts
Cycle Process Time	60 seconds (Spin time - 35 seconds)
Notifications	Audible - errors and end of program Visual - end of process
Safety	Safety lid interlock, saline level sensor
Dimensions (w x d x h)	13 x 18.9 x 11 in   330 x 480 x 280 mm
Height Lid Open	22.5 in   572 mm
Weight	53.8 lb   24.4 kg
Certifications	Certified to applicable UL and CSA standards by a NRTL
Warranty	2 years parts   1 year labor at Helmer Scientific



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