

Model

UltraCW II Automatic Cell Washing System

Specifications

Application, Rating and Electrical Data

Application	Washing Red Blood Cells for blood typing, screening, and antibody ID
Maximum RPM/RCF	3,500 RPM / 1,438 RCF
Capacity	12 10x75 or 12x75mm tubes 24 10x75 or 12x75mm tubes
Electrical Power	100V - 240V, 50/60 Hz
Maximum Current	1.38 amps / .655 amps
Building Supply Rating	15 amp dedicated ground circuit
Power Plug	115V 60HZ NEMA-5 230V 50/60Hz CEE 7 230V 50/60Hz SASO
Certification / Agency Listing	QPS (Certified to UL and CSA Standards)
EMC	IEC61326-3-2 / FCC CFR47 part 15, ed 2015 class B
Indoor/Outdoor Use	Indoor use only
Application Environment	Non-corrosive, non-flammable, non-explosive, 18°C to 30°C (64.4°F to 86°F)

Performance Data

Noise Level Data	49 dB
Process Time/Cycle	60 seconds (automatic centrifugation time = 35 sec)

Warranty

Standard (US/Canada)	2 years parts, 1 year labor
Outside US/Canada	Consult your local representative

Controller

Interface	Color touchscreen input and display
Power Switch	On/Off
Program Capacity	Up to 24 pre-installed and custom programs
Pre-installed Programs	Yes (7)
Custom Programs	Yes, up to 17 additional programs may be created and stored
Spin Cycle	Includes pre-installed spin program Additional spin programs may be created and stored
Check Step	Yes, check and spin steps can be integrated into programs allowing user to run wash cycles, add reagents, and then spin
Clean Program (Flush)	Yes
Security	Safety lid interlock prevents lid from opening during operation
Alerts	Audible-errors (2 sec intervals) Audible - end of program (10 sec intervals) Visual - end of process

Dimensions and Construction

Exterior (w x h x d)	13 x 11 x 18.9in (330 x 280 x 480mm)
Height Lid Open	22.5in (572mm)
Chamber Material	Powder-coated exterior
Rotor Hub	Stainless steel
Motor	Variable speed, brushless
Diaphragm Pump	Standard
Electronic Flow Meter	Standard
Digital Calibration	Standard
Drain System	Saline removal channel
Quick View Window	Top of lid
Net Weight	53.8 lb (24.4 kg)
Shipping Weight	62 lb (30 kg)
Saline Location Requirements	Has access to a supply of saline solution (can be placed below cell washer). Direct connection to cell washer.
Location Requirements	Has access to a waste container or drain suitable to receive decanted saline and human blood waste product. Has stable, level surface.
Placement	When running, per EN/IEC 61010-2-020, no individuals or dangerous objects such as flammable or explosive materials may be within a safety margin of 12" (300 mm) around the unit.
Options / Accessories	Replacement tubing



