

Cells Washer Centrifuge ICWC-1000



Cells Washer Centrifuge ICWC-1000 model used to simplify routine tasks in the blood transfusion laboratory for red blood and lymphocyte washing. Its easy-to-read digital touch screen control panel delivers spontaneous interaction and the unit offers many advantages over conventional cell washing systems. Especially for red blood and lymphocyte washing functions. Spins sample volumes up to 12X7ml (SERO rotor) with maximum speed 4700 rpm. Driven by conversion motor. Auto-balancing centrifuge for blood bank is particularly designed for the quick centrifuge in blood bank with storages up to 9 programs records for users. For safety we introduced electronic door lock function and, imbalance detection, over-speed protection, inching function, short-spin function. Accommodates two rotors one for red blood SERO: 12X7ml; 4000rpm; 1800Xg and other for lymphocyte HLA: 12X0.5ml/1.5ml/2ml; 4700rpm; 2000xg.

Rotors

Rotors	Capacity	Application
Rotors for RBC (SERVO) 1:	12x7ml;500xg	Blood group and haemocytes testing
Rotors for RBC (SERVO) 2:	12x7ml;1000xg	Ag testing, cross over study
Rotors for RBC (SERVO) 3:	12x7ml;1000xg	Wash blood cell, extract plasma and serum
Rotors for HLZ lymphocytes 4:	12x1.5ml;2000xg	Separate lymphocytes and cell culture
Rotors for HLZ lymphocytes 5:	12x1.5ml;1000xg	Remove platelet
Rotors for HLZ lymphocytes 6:	12x1.5ml;1000xg	Washing lymphocytes

Technical Specification:

Model	ICWC-1000
Speed Range (rpm)	4700 rpm
Max RCF	2000xg
Capacity	12X7ml (SERO rotor)
Rotor	NO.1 rotor for red blood SERO: 12X7ml; 4000rpm; 1800Xg NO.2 rotor for lymphocyte HLA: 12X0.5ml/1.5ml/2ml; 4700rpm; 2000xg
Timer	1s to 99 min
External Dimensions (HxLxW) mm	430x340x330 mm
Net Weight (kg)	23 kg
Electrical Requirements	AC 220V 50HZ 5A
Catalogue No.	1402000502

Technical Data:

Model	ICWC-1000
Capacity	12X7ml (SERO rotor)
Max RCF	2000xg
Speed Range	4700 rpm
Noise	75dB(A)
Rotor	NO.1 rotor for red blood SERO: 12X7ml; 4000rpm; 1800Xg NO.2 rotor for lymphocyte HLA: 12X0.5ml/1.5ml/2ml; 4700rpm; 2000xg
Revolutions/min	±20 rpm
Timer	1s to 99 min
Dimension	430x340x330 mm
Net Weight	23 kg
Electrical Requirement	AC 220V 50HZ 5A
Catalogue No.	1402000502



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