





Rotors for CT6EL

Rotor (Part No.)	Bucket/Assembly/Rack/Adapter		Max speed (rpm)	Max RCF (x g)	Nominal capacity *1	Tube size (φx L)mm	Applicable tube (● tubes available on the market)	
	Part No.	Model						
T3S6 (90585200) Bucket is option 	S303779A	Square rack 13.2 x 20 (4pcs/box)	3,000	2,000	4/5 x 80	—	● 4/5ml blood tube (Venoject, Insepack, Vacutainer, Hemoguard)	
		7 x 80					13.2 x 100	● 7ml blood tube (Venoject, Insepack, Vacutainer, Hemoguard)
		6 x 80					15.2 x 75	● 6ml blood tube (Venoject, Insepack, Vacutainer, Hemoguard)
	S303781A	Square rack 15.5 x 20 (4pcs/box)	3,000	2,000	10 x 80	15.4 x 100	● 10ml blood tube (Venoject, Insepack, Vacutainer, Hemoguard)	
	S301438A	Square rack GR (4pcs/box) *4	3,000	2,090	5/7 x 120	14 x 120	● 5/7ml glass tube	
	S307170A	Square rack GR(B) (4pcs/box) *4	3,000	2,090	5/7 x 120	14 x 120	● 5/7ml glass tube	
	S301437A	Square rack BL (4pcs/box) *4	3,000	2,090	10 x 144	12 x 105	10 glass tube (50pcs/box) 464977A	
	S307169A	Square rack BL(B) (4pcs/box) *4	3,000	2,090	10 x 144	12 x 105	10 glass tube (50pcs/box) 464977A	
	S301439A	Square rack YE (4pcs/box) *4	3,000	2,070	15 x 80	16.5 x 120	15 glass tube (50pcs/box) 464976A	
	S307171A	Square rack YE(B) (4pcs/box) *4	3,000	2,070	15 x 80	16.5 x 120	15 glass tube (50pcs/box) 464976A	
S301440A	Square rack OR (4pcs/box) *4	3,000	2,070	50 x 16	36.5 x 120	50 glass tube (10pcs/box) 473866A		
S307172A	Square rack OR(B) (4pcs/box) *4	3,000	2,070	50 x 16	36.5 x 120	50 glass tube (10pcs/box) 473866A		
S303676A	Square rack 46 x 2 (4pcs/box)	3,000	2,010	100 x 8	45 x 120	● 100ml glass tube (Nichiden Rika Glass)		
S306504A	Square rack 15TC x12 (4pcs/box)	3,000	2,050	15 x 48	17 x 120	● 15ml culture tube (V bottom)		
S305213A	50T7S adapter (4pcs/box)	3,000	2,060	50 x 28	30 x 115	● 50ml culture tube (V bottom) *2		
S303580A	Tube rack 61 x 1 (4pcs/box)	3,000	2,040	175 x 4	60 x 140	● 175ml culture tube (Falcon) *3		
—	—	3,000	2,010	225 x 4	60 x 120	● 225ml culture tube (Falcon) *3		
S303783A	Square rack 11.4 x 28 (4pcs/box)	3,000	2,050	1.5/2.0x112	11 x 39	● 1.5ml/2.0ml microtube		
S300711A	M2 bucket (4pcs/box)	2,000	850	96MPx4pcs	128 x 86 x 34	● 96 well microplate		
S305173A	MP2 bucket (4pcs/box)	3,000	2,000	96MPx4pcs	128 x 86 x 92	● 96 well microplate		
—	—	3,000	2,010	96DWx4pcs	128 x 86 x 92	● 96 deep well plate		
T3S7(90583400) 	S304921A	13.3 x 18 adapter (4pcs/box)	2,800	1,860	4/5 x 72	12.4 x 75	● 4/5ml blood tube (Venoject, Insepack, Vacutainer, Hemoguard)	
	S304922A	15.7 x 18 adapter (4pcs/box)	2,800	1,860	7 x 72	12.4 x 100	● 6ml blood tube (Venoject, Insepack, Vacutainer, Hemoguard)	
	—	—	2,800	1,790	6 x 72	15.2 x 75	● 7ml blood tube (Venoject, Insepack, Vacutainer, Hemoguard)	
T3S8 (90590900) 	—	—	3,000	1,940	96MPx16pcs	128 x 86 x 15	● 96 well microplate	
	—	—	3,000	1,940	96DWx8pcs	128 x 86 x 45	● 96 deep well plate	
	—	—	3,000	1,940	PCR96x4pcs	—	● For PCR 96 well plate	
	S308063A	15 x 16S adapter (4pcs/box)	3,000	2,150	15.6 x 100	15.6 x 100	● 6ml blood tube (Venoject, Insepack, Vacutainer, Hemoguard)	
	—	—	3,000	2,150	15.6 x 100	15.6 x 100	● 10ml blood tube (Venoject, Insepack, Vacutainer, Hemoguard)	
	—	—	3,000	2,150	16.5 x 110	16.5 x 110	15 glass tube (50pcs/box) 464976A	
	S308073A	10 x 16S adapter (4pcs/box)	3,000	2,150	4/5 x 64	12~13 x 75~78	● 4/5ml blood tube (Venoject, Insepack, Vacutainer, Hemoguard)	
	—	—	3,000	2,150	7 x 64	12~13 x 100	● 7ml blood tube (Venoject, Insepack, Vacutainer, Hemoguard)	
	S308065A	15TC x 9S adapter (4pcs/box)	3,000	2,150	10 x 64	12.0 x 105	10 glass tube (50pcs/box) 464977A	
	S308064A	50TC x 4S adapter (4pcs/box)	3,000	2,150	15 x 36	17 x 120	● 15ml culture tube (V bottom)	
S308066A	250 x 1S adapter (4pcs/box)	3,000	2,120	50 x 16	30 x 115	● 50ml culture tube (V bottom) *2		
T6AP2 (90591200) 	—	—	4,750	2,990	50 x 8	—	● Centrirep (Nihon Millipore)	
	—	—	6,000	4,770	50 x 8	—	● Amicon Ultra-15 (Nihon Millipore)	
	—	—	6,000	4,770	50 x 8	—	● Vivaspin 20 (Sartorius)	
	—	—	6,000	4,770	50 x 8	—	● 50ml culture tube (V bottom) *2	
	S409424A	15TA50T adapter(B) (2pcs/box) Accessory (8pcs)	6,000	4,630	15 x 8	—	● 15ml culture tube (V bottom)	
	S411361A	Centricon adapter (2pcs/box)	6,000	4,770	15 x 8	—	● Amicon Ultra-4 (Nihon Millipore)	
	S411363A	Centriplus adapter (2pcs/box)	4,800	3,000	15 x 8	—	● Vivaspin 2, Vivaspin 6 (Sartorius)	
S411365A	Ultrafree-CL adapter (2pcs/box)	6,000	3,950	15 x 8	—	● Centricon (Nihon Millipore)		
—	—	6,000	3,950	15 x 8	—	● Centriplus (Nihon Millipore)		
—	—	6,000	3,950	15 x 8	—	● Ultrafree-CL (Nihon Millipore)		

*1. Capacity is indicated by nominal capacity of tube-bottle. Real capacity in actual use may be smaller than the nominal capacity depending on rotor structure, tube shape, etc.
 *2. The independent type 50ml culture tube cannot be used.
 *3. Please order Falcon-brand cushions separately: for 225ml (352075) and 175ml (352076), order cushions (352090) made by Becton Dickinson
 *4. Please choose depending on the tube length (except for cap). Without(B): 55~75mm, with(B): 76~120mm

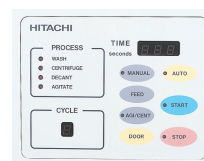
Blood Cell Washing Centrifuge

Automatic centrifuges for Coomb's test and blood cell washing. Automatic microcomputer control substantially shortens blood cell washing time—as many as 24 samples in three minutes (washing three times). Sized for convenient counter-top placement.



MC450 

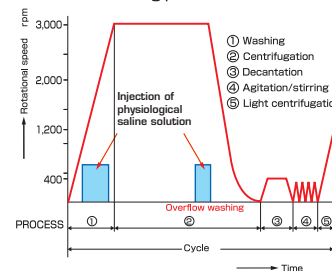
Washing cycles are under full-automatic operation!
 (Physiological saline solution injection ▶ Centrifugation ▶ Decantation ▶ Agitation/stirring)



The process for post-sample injection/agitation ▶ centrifugation is also automatically operated.

New operation process

Corpuscle washing is automatically carried out based on the following processes:



Attachment and separation of test tubes are easy due to a new-type distributor.



Specifications	
Model	MC450
Samples	Test-tube size 24 (φ 10, φ 12 x 75 mm)
Speed (rpm)	1,200 rpm (190 x g)/3,000 rpm (1,180 x g)
Process display	4-stage display: WASH → CENTRIFUGE → DECANT → AGITATE
Manual operation speed	3,000 rpm or 1,200 rpm
Timer	Automatic/manual: 1 - 99 sec./1 - 999 sec.
Termination signal	Selection can be made from among 5 kinds of melodies and electronic buzzers.
Power requirements	AC 115V±10%, 10A, 50/60Hz, AC 220V±10%, 5A, 50/60Hz
Dimensions (mm)	370 (W) x 450 (D) x 410 (H)
Weight (kg)	29
Standard	EN61010-1, EN61010-2-020, EN61326 comply with CE mark.

Note: MC450 meets current European Community guidelines and is  labeled.

Standard accessories	
Rotor	1
Distributor	1
Tank for physiological saline solution (with liquid level detector)	1 (capacity : 5L)
Test-tube (φ 12 x 75 mm)	50
Drain hose (m)	2.0
Instruction manual	1

- The overflow method is used for the washing process to improve corpuscle washing potential. (This is the washing method in which physiological saline solution is injected into the test tube again after centrifugation so that some physiological saline solution will overflow.)
- Due to the use of a new-type distributor, attachment and separation of test tubes have become easier.
- The drain cover and chamber can be dismantled easily, so cleaning has become simple.
- Because decanting rotational speed can be set precisely (7 stages), it is possible to increase the degree of corpuscle dryness through adjustment of physiological saline solution remaining after washing.
- The new door interlocking mechanism further enhances safety.
- Audible alarm of the end of washing can be chosen from among five kinds of melodies and buzzers.
- This model complies with current EU requirements for mechanical and electrical safety and electromagnetic compatibility.