

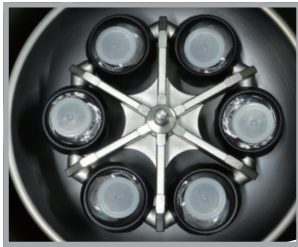
Large Capacity Centrifuges

Component wR / R6 / R12

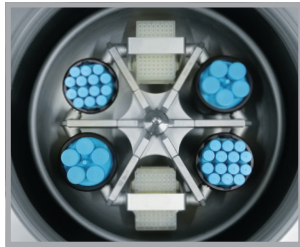
Large Capacity Centrifuges

Component wR / R6 / R12

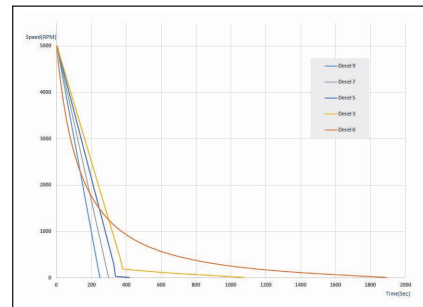
- Well recognized models in blood banks and large sample handling laboratories
- Optimized for consistent separation of plasma, buffy coat, RBC, etc.
- Any types of blood bags applicable from 250 mL to 500 mL
- 12 blood bags per run (Component R12), 6 blood bags per run (Component R6)
- Broad range of applications with 10 optional adapters (Component wR)
- Ideal for large number of sample handling (144 vacutainers at a time / Component wR)
- Windshield rotor to reduce the air resistance and enable to spin over 4,000 rpm
- Three step acceleration and deceleration profile for gentle and quick running
- Ergonomically arranged control and large display with comprehensive information
- Imbalance cutoff and tracking
- Accumulation of total run time and rcf (Component R12 only)
- Excellent temperature control



WS1000-6 / B1000



WS750-6 / B750 & TM96



Two-step DEC control at DEC 1~5 and natural slow break at DEC 0



Component R6



Component R12



Component wR

Technical Specifications

		Component wR / Continent 512R*	Component R6 / Component R*	Component R12/ Component 12R*
Speed	Max. RPM / Swing-out	4,500 rpm	5,000 rpm	4,500 rpm
	Max. RCF / Swing-out	5,096 xg	7,261 xg	6,491 xg
Max. capacity Swing-out		6 x 750 mL	6 x 1,000 mL	6 x 2,400 mL
ACC/DEC	ACC/DEC ramps	10 / 10 steps	10 / 10 steps	10 / 10 steps
	Two step Deceleration	Yes	Yes	Yes
Temperature	Temperature range	-10°C to 40°C	-20°C to 40°C	-10°C to 40°C
	Temperature offset	Yes	Yes	Yes
Time Control		< 100 hr, pulse, continuous	< 100 hr, continuous	< 100 hr, continuous
Program memory		100	100	100
Noise level		≤ 65 dB	≤ 65 dB	≤ 65 dB
Imbalance cutoff / tracking		Yes / Yes	Yes / Yes	Yes / Yes
Rotor identification		Automatic	Automatic	Automatic
Dimension (W x D x H, mm)		668 x 800 x 891	816 x 906 x 965	840 x 980 x 970
Weight		250 kg	380 kg	480 kg
Power requirement		3.0 kw	5.0 kVA	5.72 kVA
Power input (V,Hz)		210 V ~ 240 V, 50 / 60 Hz (110 V Optional)	210V ~240V, 60 Hz (110 V, 50 Hz optional)	210 V~240 V, 60 Hz (110 V, 50 Hz optional)
Cat. No.		CP-wR / CT-512R	CP-R6 / CP-R	CP-R12 / CP-12R

* Registered as medical device at MFDS¹⁾

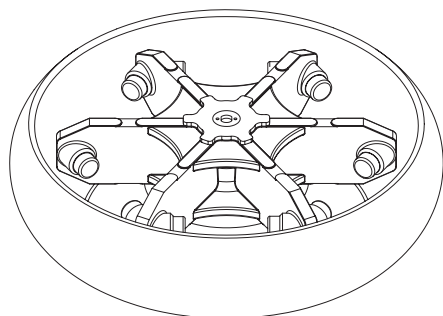
¹⁾ MFDS : Ministry of Food and Drug Safety (KOREA)

Large Capacity Centrifuges

Component wR / R6 / R12

Swing-out Rotor for Component R12

WS2400-6



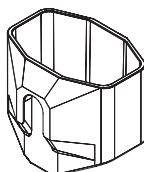
∠90°

Max. RPM : 4,500 rpm

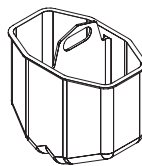
Dim. W x D x H : 494 x 435.6 x 118 mm (w/o windshield)

Incl. a windshield and a lid

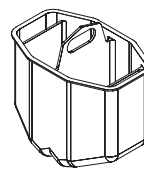
Bucket/Adaptor for WS2400-6



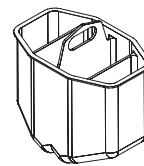
Blood Bag Bucket
B2400F



Adaptor
TRB500-2F

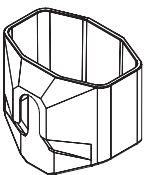
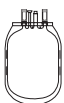
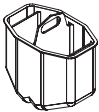
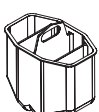


Adaptor
TRB450-2F



Adaptor
TRB250-2F

Bucket and Tube Racks of WS2400-6

Bucket	Required Adaptor	Tube Capacity	Tube per Adaptor / Rotor	Max. height for tube fit (mm)	Max. RPM (rpm) Max. RCF (xg)
B2400F 	TRB500-2F 	 500 mL	2 / 12	209.2	4,500 6,491
	TRB450-2F 	 450 mL	2 / 12		
	TRB250-2F 	 250 mL	2 / 12		

Radius : 286.7 mm

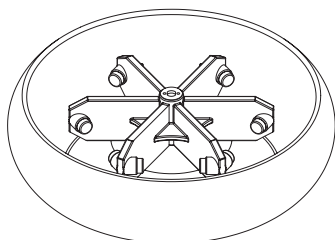
Bucket bore (ø x L, mm) : 178 x 142

Max. height for tube fit: 209.2 mm

* Radius : From the center of the rotor to the inner end of tube carrier.

Swing-out Rotor for Component R6

WS1000-6



∠90°

Max. RPM : 5,000 rpm

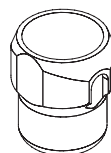
Dim. W x D x H : 384 x 340 x 99 mm (w/o windshield)

Incl. a windshield and a lid

Bucket/Adaptor for WS1000-6



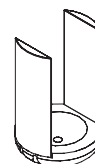
Bucket
B1000S
Capacity : 1,000 mL
* Cap Available (optional)



Bucket
B1000
Capacity : 1,000 mL

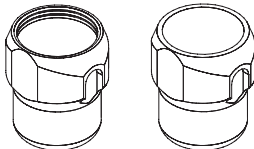


Cap
BL1000



Adaptor
TRB450-1

Bucket and Tube Racks of WS1000-6

Bucket	Required Adaptor	Tube Capacity Bottom Type	Tube per Adaptor / Rotor	Bore (Ø x L, mm)	Max. height for tube fit (mm)		Max. RPM (rpm) Max. RCF (xg)
					w/ cap	w/o cap	
B1000S / B1000 	-	 1,000 Flat	1 / 6	98.5 X 143	169.5	188.5	5,000 7,261
BL1000  Radius : 259.8 mm Bucket bore (ø x L, mm) : 98.5 x 143 Max. height for tube fit : 169.5 mm (w/ cap), 182.2 mm (w/o cap)	TRB450-1 	 450 mL -	1 / 6	97.5 x 156	178.7		5,000 6,842

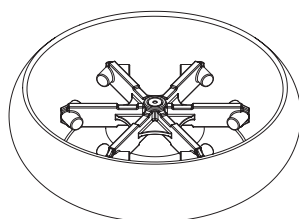
* Radius : From the center of the rotor to the inner end of tube carrier.

Large Capacity Centrifuges

Component wR / R6 / R12

Swing-out Rotor for Component wR

WS750-6



∠90°

Max. RPM : 4,500 rpm

Size (ø x H) : Ø262 x 262 mm
(w/o windshield)

Incl. a windshield and a lid

Bucket/Adaptor for WS750-6



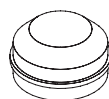
Round Bucket
B750S

Capacity : 750 mL
* Cap Available (optional)

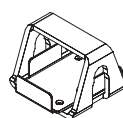


Round Bucket
B750

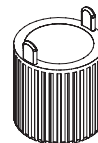
Capacity : 750 mL



Cap
BL750



MicroTiter Plate Rack
TM96
(750-4)



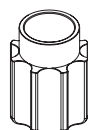
Adaptor
TR500
(750)



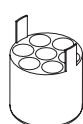
Adaptor
TR500c
(750)



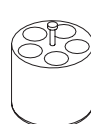
Adaptor
TR250
(750)



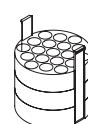
Adaptor
TR250c
(750)



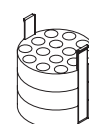
Adaptor
TR50-7N
(750)



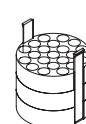
Adaptor
TR50c-5N
(750)



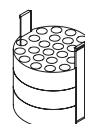
Adaptor
TR15-19
(750)



Adaptor
TR15c-14
(750)

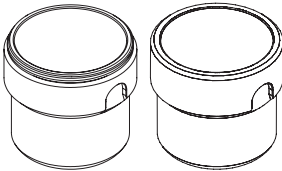
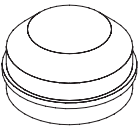
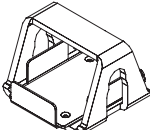


Adaptor
TR10-21
(750)



Adaptor
TR5-24
(750)

Bucket and Tube Racks of WS750-6

Bucket	Required Adaptor	Tube Capacity Bottom Type	Tube per Adaptor / Rotor	Bore (Ø x L, mm)	Max. height for tube fit (mm)		Max. RPM (rpm) Max. RCF (xg)
					w/ cap	w/o cap	
B750S / B750  BL750  Radius : 225 mm Bucket bore (ø x L,mm) : 99 x 103 Max. height for tube fit : 128 mm (w/ cap), 157.5 mm (w/o cap) Incl. a windshield and a lid	-	 750 mL Flat	1 / 6	99 x 103	128	157.5	4,500 5,096
	TR500(750) 	 500 mL Flat	1 / 6	75.5 x 98.7	124.7	141.3	4,500 5,042
	TR500c(750) 	 500 mL conical Conical	1 / 6	99 x 58	128	155	4,500 5,071
	TR250(750) 	 250 mL Flat	1 / 6	62.3 x 87	124	153	4,500 5,051
	TR250c(750) 	 250 mL conical Conical	1 / 6	61.5 x 124.4	124.5	153	4,500 5,037
	TR50-7N(750) 	 50 mL Round	7 / 42	29.2 x 97	119	125	4,500 5,026
	TR50c-5N(750) 	 50 mL conical Conical	5 / 30	29 x 91	120	126	4,500 5,037
	TR15-19(750) 	 15 mL Round	19 / 114	17.2 x 87	115	133.3	4,500 5,026
	TR15c-14(750) 	 15 mL conical Conical	14 / 84	17 x 89	113.3	122.1	4,500 5,071
	TR10-21(750) 	 10 mL Round	21 / 126	16 x 87	115	130.6	4,500 5,026
TR5-24(750) 	 3 mL / 5 mL Round	24 / 144	13.2 x 60 (3 mL) 13.2 x 87 (5 mL)	115	137.3	4,500 5,026	
TM96(750-6)  Radius : 191.9 mm MTP holder size (w x d x L, mm) : 88 x 128.5 x 42 Max. height for MTP fit : 60 mm		 MTP	1/6	88 x 128.5	60		4,500 4,345

* Radius : From the center of the rotor to the inner end of tube carrier.