

## Large Capacity Centrifuges

# *Component R12 / R6 / wR*

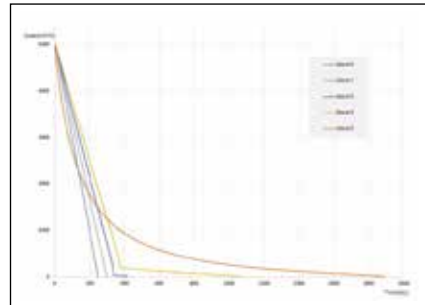
- Well recognized model in blood banks and large sample handling laboratories
- Optimized for consistent separation of plasma, buffy coat, RBC, etc.
- Any types of blood bags applicable from 250 mL to 500 mL
- 12 blood bags per run (Component R12), 6 blood bags per run (Component R6)
- Ideal for large number of sample handling (180 vacutainers at a time)
- Windshield rotor to reduce the air resistance and enable to spin over 4,000 rpm
- Dual ramp acceleration and deceleration profile for gentle and quick running
- Ergonomically arranged control and large display with comprehensive information
- Imbalance cutoff and tracking
- Excellent temperature control
- Easy to clean specially coated glossy surface



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*

# Large Capacity Centrifuges

Component R12 / Component R6 / Component wR



**Component wR**

## Technical Specifications

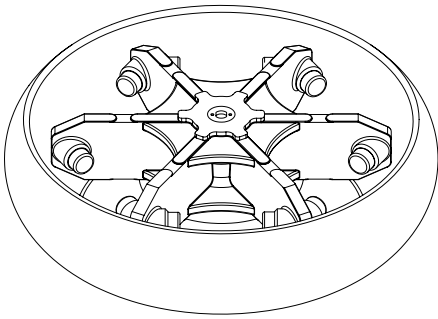
		Component R12 / *Component 12R	Component R6 / *Component R	Component wR / *Continent 512R
Speed	Max. RPM / Swing-out	4,500 rpm	5,000 rpm	4,500 rpm
RCF (xg)	Max. RCF / Swing-out	6,491 xg	7,261 xg	5,096 xg
Max. capacity / Swing-out		6 x 2,400 mL	6 x 1,000 mL	6 x 750 mL
ACC/DEC	ACC/DEC ramps	10/10 steps		
	Two step Deceleration	Yes		
Temperature	Temperature range	-10°C to 40°C	-20°C to 40°C	-20°C to 40°C
	Temperature offset	Yes		
Time control		< 100 hr, continuous	< 100 hr, continuous	< 100 hr, pulse, continuous
Program memory		100		
Noise level		≤ 65 dB	≤ 65 dB	≤ 65 dB
Imbalance cutoff / tracking		Yes / Yes	Yes / Yes	Yes / Yes
Rotor identification		Automatic		
Dimension (W x D x H, mm)		840 x 980 x 970	816 x 906 x 965	668.7 x 800.6 x 891.3
Weight without rotor		480 kg	380 kg	250 kg
Power consumption		3.0 kVA	5.0 kVA	5.0 kVA
Power input (V, Hz)		210~240V, 60 Hz (110V, 50 Hz optional)		210~240 V, 50/60 Hz (110V optional)
Cat. No.		CP-R12	CP-R6	CP-wR

\* Registered as medical device at MFDS<sup>1)</sup>

<sup>1)</sup> MFDS : Ministry of Food and Drug Safety (KOREA)

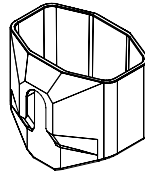
## Swing-out Rotor for Component R12

### WS2400-6

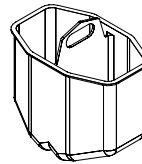


∠90°  
Max. RPM : 4,800 rpm  
Dim. W x D x H : 494 x 435.6 x 125 mm (w/o windshield)  
**Incl. a windshield and a lid**

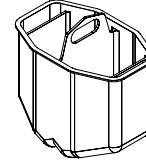
#### Bucket/Adaptor for WS2400-6



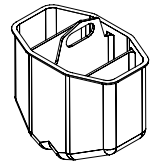
Blood Bag Bucket  
**B2400**



Adaptor  
**TRB500-2**



Adaptor  
**TRB450-2**



Adaptor  
**TRB250-2**

#### 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)
  Radius : 286.7 mm Bucket bore (ø x L, mm) : 176.9 x 150.8 Max. height for tube fit: 209.2 mm	TRB500-2 	500 mL	2 / 12	209.2	4,500 6,491
	TRB450-2 	450 mL	2 / 12		
	TRB250-2 	250 mL	2 / 12		

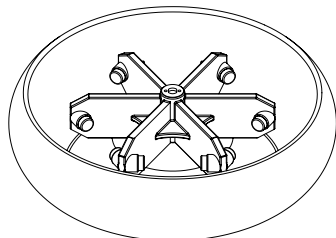
\* Radius : From the center of the rotor to the inner end of tube carrier.

# Large Capacity Centrifuges

Component R12 / Component R6 / Component wR

## Swing-out Rotor for Component R6

### WS1000-6



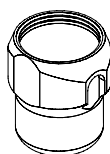
∠90°

Max. RPM : 5,000 rpm

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

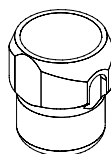
Incl. a windshield and a lid

### Bucket/Adaptor for WS1000-6



Bucket  
**B1000S**

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

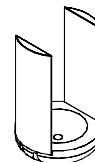


Bucket  
**B1000**

Capacity : 1,000 mL

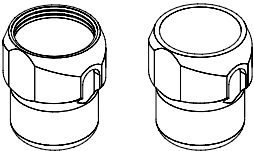


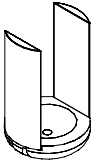



Cap  
**BL1000**



Adaptor  
**TRB450**

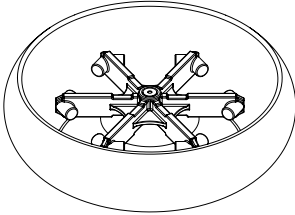
### Bucket and Tube Racks of WS1000-6

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	
<b>B1000S / B1000</b> 	-	 1,000 Flat	1 / 6	98.5 X 143	169.5	182.2	5,000 7,261
<b>BL1000</b>  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)	<b>TRB450</b> 	 450 mL -	1 / 6	65.5 x 135	178.7		5,000 6,842

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

## 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)

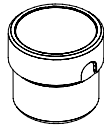
Incl. a windshield and a lid

#### Bucket/Adaptor for WS750-6



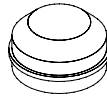
Round Bucket  
**B750S**

Capacity : 750 mL  
\* Cap Available (optional)

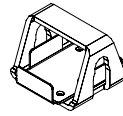


Round Bucket  
**B750**

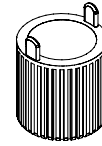
Capacity : 750 mL



Cap  
**BL750**



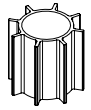
MicroTiter Plate Rack  
**TM96  
(750-4)**



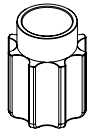
Adaptor  
**TR500  
(750)**



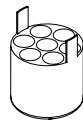
Adaptor  
**TR500c  
(750)**



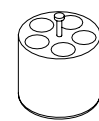
Adaptor  
**TR250  
(750)**



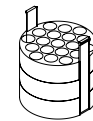
Adaptor  
**TR250c  
(750)**



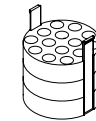
Adaptor  
**TR50-7**



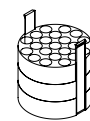
Adaptor  
**TR50c-5**



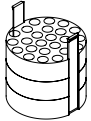
Adaptor  
**TR15-19**



Adaptor  
**TR15c-14**

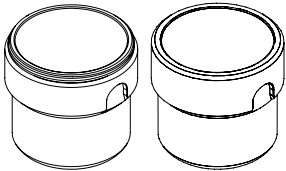
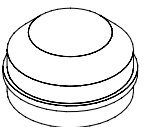





















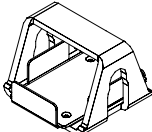



Adaptor  
**TR10-21**



Adaptor  
**TR5-24**

#### 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	
<b>B750S / B750</b>    <b>BL750</b>    Radius : 225 mm Bucket bore (ø x L,mm) : 99 x 103 Max. height for tube fit : 129 mm (w/ cap), 161.5 mm (w/o cap) Incl. a windshield and a lid	-	 750 mL Flat	1 / 6	99 x 103	129	161.5	4,500 5,096
	<b>TR500(750)</b> 	 500 mL Flat	1 / 6	75.5 x 98.7	125.2	129	4,500 5,042
	<b>TR500c(750)</b> 	 500 mL conical Conical	1 / 6	99 x 58	126.7	154.3	4,500 5,096
	<b>TR250(750)</b> 	 250 mL Flat	1 / 6	62.3 x 87	124.5	149	4,500 5,003
	<b>TR250c(750)</b> 	 250 mL conical Conical	1 / 6	60.5 x 124.4	125	150	4,500 5,015
	<b>TR50-7</b> 	 50 mL Round	7 / 42	29.2 x 97	124	131.8	4,500 5,003
	<b>TR50c-5</b> 	 50 mL conical Conical	5 / 30	29 x 91	116.2	125.5	4,500 5,096
	<b>TR15-19</b> 	 15 mL Round	19 / 114	17.2 x 87	114.6	122.4	4,500 5,003
	<b>TR15c-14</b> 	 15 mL conical Conical	14 / 84	17 x 89	117	124.8	4,500 5,049
	<b>TR10-21</b> 	 10 mL Round	21 / 126	16 x 87	113.9	121.7	4,500 5,003
	<b>TR5-24</b> 	 3 mL / 5 mL Round	24 / 144	13.2 x 60 (3 mL) 13.2 x 87 (5 mL)	113.7	121.5	4,500 5,003
	<b>TM96(750-6)</b>  Radius : 191.9 mm MTP holder size (w x d x L, mm) : 88 x 128.5 x 42 Max. height for tube fit : 88 x 128.5 x 42 mm		 MTP	1 / 6	88 x 128.5 x 42		

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