

Large Capacity Refrigerated Centrifuge

Large capacity refrigerated centrifuge capable of handling 180 sample units at once.

Continent 512R

TEMP -10 °C to +40 °C	4,500 MAX. RPM	5,096 MAX. RCF	750ml X 6 MAX. CAP
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Features

- Using bucket style, 750ml high-capacity swing rotor
- Ergonomically arranged control and display
- Hi-efficient AC Induction Motor 1.7kw
- Spin down (Pulse) function
- User password for preventing access from random people
- 10 steps for speedy and gradual acceleration and deceleration

Wind shield Swing Bucket Rotor



Tube rack for various sizes of tube
Two-staged adjustable tube rack for diverse tube lengths

Large capacity

Using various tubes from 5ml to 750ml, you are able to get large sampling. (6pcs bucket)

- Vacuumtainer Tube : 144ea
- 15ml Conical Tube : 84ea
- 50ml Conical Tube : 30ea

Description	Specification	Remarks
RPM / RCF	4,500rpm / 5,096xg	WS750-6B
Max. capacity	750ml x6	
Time	99hrs 59min 59sec	
Display	RPM, RCF, Time, Acc, Dec, Temp Limits, Temp., Rotor NO., Program, Rotor Radius	
Temperature	-10 °C ~ 40 °C	
Motor	AC Induction Motor	
Accel/Decel	0~9 (10 step)	
Rotor	WindShield Swing Rotor 750mlx6	WS750-6B
Power supply		
- Cellspin	AC110/220V, 50/60Hz, Single Phase	0.6Kw
- Combi 408	AC110/220V, 50/60Hz, Single Phase	1.5Kw
- Combi 514R	AC110/220V, 50/60Hz, Single Phase	2.0Kw
- Component 12R	AC220V, 50/60Hz, Single Phase	3.5Kw
- Component R	AC220V, 50/60Hz, Single Phase	3.4Kw
- Continent512R	AC220V, 50/60Hz, Single Phase	3.4Kw
- Continent512R+	AC220V, 50/60Hz, Single Phase	3.4Kw
- Fleta 40	AC110/220V, 50/60Hz, Single Phase	0.5Kw
- Fleta 40P	AC110/220V, 50/60Hz, Single Phase	0.5Kw
- Fleta 5	AC110/220V, 50/60Hz, Single Phase	1.0Kw
- HA-12	AC110/220V, 50/60Hz, Single Phase	0.3Kw
- HematoSpin	AC110/220V, 50/60Hz, Single Phase	0.7Kw
- HA-400	AC220V, 50/60Hz, Single Phase	1.0Kw
- J-1250	AC220V, 50/60Hz, Single Phase	3.7Kw
- Mega 17R	AC220V, 50/60Hz, Single Phase	1.2Kw
- Micro 12	AC110/220V, 50/60Hz, Single Phase	0.3Kw
- Micro 6	AC110/220V, 50/60Hz, Single Phase	0.2Kw
- Smart 15	AC110/220V, 50/60Hz, Single Phase	0.6Kw
- SmartR 17	AC110/220V, 50/60Hz, Single Phase	0.7Kw
- Supra 22K	AC220V, 50/60Hz, Single Phase	3.4Kw
- Supra 30K	AC220V, 50/60Hz, Single Phase	3.9Kw
- Ultra 5.0	AC220V, 50/60Hz, Single Phase	4.0Kw
Dimension	668W x 801D x 891H/mm	
Weight, Kg	250Kg	

* Please note that technical specifications subject to change.

Continent 512R / Plus



Control Display

- 10 steps for acceleration and deceleration for delicate liquid experiment
- RPM/RCF auto calculating
- Changing term of timer during operation
- Time set up to 99:59:59
- Radius of rotor set up by unit of 0.1mm
- 100 memories

Safety

- Auto security & alarm system
- motor RPM and imbalance recognition
- Door lock, emergency lock recognition, and auto rotor recognition



Continent-512R Plus Rotor

Description	S750T-6B	A1000S-6	A1000S-4	A500S-6	A250S-6
Max RPM	3,500rpm	7,000rpm	8,000rpm	10,000rpm	12,000rpm
Max RCF	3,083xg	10,962 xg	12,157 xg	17,743 xg	22,265 xg
Max R(mm)	225.1mm	200.1mm	169.9mm	158.7mm	138.3mm
Rotors NO.	14	13	12	11	10
Max Capacity	750ml x 6	1000ml x 6	1000ml x 4	500ml x 6	250ml x 6

Swing Rotors

WS750 - 6B Wind shield



Type Swing Rotor $\angle 90^\circ\text{C}$
Max. RPM 4,500 rpm
Max. RCF 5,096 xg
Radius 225.1 mm
Dim. 333.5 x 381 x 61.5 mm



Tube Capacity (ml)	5	10	15	50	250	500	750	50	15	50	MTP
Dimensions \varnothing x L mm	12 x 75	13 x 100	16 x 114	29 x 104	61.8 x 123	69.5 x 170.2	97 x 152	30 x 115	17 x 120		
Tube Type											
Adapter											
Tube per Adapter	26	26	19	7	1	1	-	5	14	5	-
Tube per Rotor	156	156	114	42	6	6	6	30	84	30	6
Max.RCF	4,992	4,972	4,997	4,809	5,030	5,024	5,094	5,071	4,967	4,870	3,433
Radius(mm)	220.5	219.6	220.7	212.4	222.2	221.9	225.0	221.6	219.4	215.1	191.9
RPM	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
Boring \varnothing x L mm	13 x 70	14 x 89.5	17 x 99.5	29.2 x 81	62.2 x 99	75.5 x 99	99x105	29.5 x 99.5	17 x 89	27 x 65	-
Color / Material	Magenta	Yellow	Green	White	Cyan	Violet	-	Blue	Sky Blue	Black	-
Cat.NO.	T5-26	T10-26	T15-19	T50-7	T250-1	T500-1	-	T50-5C	T15-14C	TS50-5	-
Max. length \varnothing x L mm	13 x 157	14 x 156.5	17 x 157.5	29.2 x 149	62.2 x 159	75.5 x 158.5	99 x 162	29.5 x 158.5	17 x 156	27 x 90	-
Adapter											
Tube per Adapter	30	24	17	4	1	1					
Tube per Rotor	180	144	102	24	6	6					
Max.RCF	4,870	4,870	4,870	4,870	4,870	4,870					
Radius(mm)	215.1	215.1	215.1	215.1	215.1	215.1					
RPM	4,500	4,500	4,500	4,500	4,500	4,500					
Boring \varnothing x L mm	13 x 55	13.5 x 80	17.3 x 80	29 x 80	62 x 80	74 x 80					
Color / Material	Crimson	Yellow	Green	White	Red	Blue					
Cat.NO.	T5-30	T10-24	T15-17	T50-4	T250-1	T500-1					
Max. length \varnothing x L mm	17 x 152	13.5 x 152	17.3 x 152	29 x 152	62 x 152	74 x 152					

Continent 512R Max. RPM : 4,500 Max. RCF : 5,096 xg