

High Capacity, High Speed Floor Standing, Refrigerated Centrifuge

- Maximum capacity: 4000ml
- Microprocessor Controller with touch pad panel
- Digital LCD display of working parameters
- Automatic Rotor identification system, over speed protection, automatic storing of operation parameters.
- Inbalance cut-off, automatic door interlock, and over temperature protection.
- Brushless, maintenance free AC motor.
- RCF value can be set for direct centrifugation.
- 11 different type of rotors for selection.
- 1 to 9 acceleration and deceleration in 100 seconds.
- CFS-Non Freon refrigeration system
- Timer: 0- 23h 59min
- Temperature: -20°C ~ 40°C



Specification of High Speed Refrigerated Centrifuge

Model	ST-CT2050R2
Max speed	20500rpm
Maximum R.c.f.	64800xg
Maximum Capacity	4 x 1000ml
Speed Accuracy	± 30r/ min
Acc/Dec rates	1-9 rates
The shortest Acc time	1min30s (0-25000r/min)
The shortest Dec time	1min40s (25000r/min-0)
Temperature setting range	-20°C ~ 40°C
Temperature control accuracy	± 1°C
Refrigeration system	Non-Freon Refrigeration System
Time setting range	0-23h 59min
Power supply	AC220V 50Hz
Noise Level	<65dB (A)
Dimension (L x w x h)	710L x 820W x 950H mm
Weight	290Kg

Rotor

Rotor	Bucket/ Adapter	Capacity	Max. Speed (Rpm)	Max. R.C.F. xg	Rotor	Bucket/ Adapter	Capacity	Max. Speed (Rpm)	Max. R.C.F. xg
Angle Rotor	R-1-1	24 x 1.5ml	23,000	60460	Angle Rotor (Conical)	R-8-1	4 x 750ml	5,000	5,420
	R-1-2	24 x 0.2ml 24 x 0.5ml				R-8-2	4 x 500ml		
Angle Rotor	R-2-1	18 x 10ml	23,000	60460		R-8-3	4 x 300ml		
	R-2-2	18 x 1.5ml 18 x 7ml				R-8-4	4 x 500ml		
Angle Rotor (Falcon)	R-3-1	8 x 50ml	21,000	52,356		R-8-5	8 x 100ml		
	R-3-2	8 x 30ml				R-8-6	40 x 20ml		
	R-3-3	8 x 20ml				R-8-7	16 x 50ml		
	R-3-4	8 x 10ml 8 x 5ml				R-8-8	16 x 50ml		
Angle Rotor (Falcon)	R-4-1	4 x 250ml	15,000	33,800		R-8-9	56 x 15ml		
	R-4-2	36 x 1.5ml				R-8-10	76 x 15ml		
	R-4-3	20 x 10ml				96 x 7ml			
	R-4-4	20 x 15ml			Angle Rotor (Falcon)	R-9-1	4 x 2 x 96ml		
	R-4-5	4 x 50ml 4 x 100ml				R-9-2	4 x 500ml		
Angle Rotor	R-5-1	6 x 250ml	14,000	30,070		R-9-3	4 x 250ml		
	R-5-2	64 x 1.5ml				R-9-4	16 x 50ml		
	R-5-3	30 x 10ml				R-9-5	16 x 50ml		
	R-5-4	30 x 15ml				R-9-6	100 x 1.5ml		
	R-5-5	6 x 50ml				R-9-7	40 x 15ml		
	R-5-6	6 x 100ml				R-9-8	40 x 15ml		
Angle Rotor (Falcon)	R-6-1	6 x 500ml	10,000	17,700		R-9-9	80 x 10ml		
	R-6-2	6 x 250ml				R-9-10	112 x 5ml		
	R-6-3	6 x 100ml			R-9-11	4 x 500ml			
	R-6-4	6 x 50ml			R-9-12	26 x 5ml			
	R-6-5	42 x 15ml			R-9-13	36 x 15ml			
	R-6-6	78 x 1.5ml			R-9-14	28 x 20ml			
	R-6-7	60 x 5ml			R-9-15	12 x 50ml			
	R-6-8	6 x 50ml			R-9-16	4 x 300ml			
	R-6-9	12 x 50ml 42 x 10ml			R-9-17	8 x 100ml			
Angle Rotor (Falcon)	R-7-1	4 x 1000ml	8,000	17,040	Angle Rotor (Falcon)	R-10-1	12 x 50ml 12 x 15ml	14,000	30,070
	R-7-2	16 x 50ml							
	R-7-3	18 x 50ml							
	R-7-4	4 x 250ml 4 x 500ml							