

## High Speed Refrigerated Centrifuge

- Microprocessor controller, LCD digital display of parameters.
- CFC free refrigeration system, temperature range -20°C to +40°C.
- Safety features: electronic door interlock, rotor identification, over set speed, over temperature and imbalance cut-off.
- Timing range up to 9 hours 59 minutes.



### Specification of High Speed Refrigerated Centrifuge

Model	ST-CT2050R1
Maximum Speed	20500rpm
Maximum R.c.f.	29200xg
Maximum Capacity	48 x 15ml, 4 x 300ml
Speed Accuracy	± 50r/ min
Temperature Setting Range	-20°C ~ +40°C
Temperature Accuracy	± 1.5°C
Time Range	0 ~ 9 hours 59 minutes
Noise Level	< 65dB(A)
Motor	Frequency conversion motor
Power Supply	AC 220V 50/60Hz
Dimension (L x W x H) mm	580 x 800 x 900
Weight	110kg

### Rotor

Rotor	Bucket/ Adapter	Capacity	Max. Speed (r.p.m.)	Max. R.c.f. (xg)	Tube Type
Angle Rotor ST-CT2050R1-1		12 x 1.5/ 2.2ml	20500	29200	
Angle Rotor ST-CT2050R1-2		10 x 5ml	16500	18365	
Angle Rotor ST-CT2050R1-3		12 x 10ml 6 x 30ml	15000	23120	
Angle Rotor ST-CT2050R1-4		6 x 50ml 6 x 30ml (adapter)	13000	16760	Equipped with 6 x 50ml Conical bottom tubes
Angle Rotor ST-CT2050R1-5	Equipped with adapter	4 x 300ml 48 x 15ml	4500	4210	
Microplate Rotor ST-CT2050R1-6		2 x 2 x 96 wells	4000	2200	
Microplate Rotor ST-CT2050R1-7		4 x 2 x 96 wells	4000	3040	
Swing Out Rotor ST-CT2050R1-8		4 x 500ml	4000	3040	
Swing Bucket Rotor ST-CT2050R1-9		Four Buckets	4000	3040	
	ST-CT2050R1-10	112 x 5ml	4000	3040	
	ST-CT2050R1-11	100 x 1.5ml			
	ST-CT2050R1-12	80 x 10ml			
	ST-CT2050R1-13	40 x 15ml			
	ST-CT2050R1-14	40 x 15ml			
	ST-CT2050R1-15	16 x 50ml			
	ST-CT2050R1-16	16 x 50ml			
	ST-CT2050R1-17	4 x 250ml		Conical bottom tubes	
Angle Rotor ST-CT2050R1-18		24 x 1.5/ 2.2ml	16500	24890	
Angle Rotor ST-CT2050R1-19		6 x 85ml	12000	15805	
Angle Rotor ST-CT2050R1-20		6 x 100ml	11000	13810	