

Table Top High Speed Refrigerated Centrifuge



Features:

- * 5-inch high-definition touch screen, easily operated, visual display.
- * Automatically identify 13 kinds of different rotors, eliminate hidden danger brought by users' maloperation.
- * 9 ranges for raising speed, 10 ranges for speed reduction, to effectively avoid secondary sedimentation, with better centrifugation effect.
- * Available to store 15 series of procedure for users to adjust.
- * Alternating frequency conversion electric machine, high precision of rotary speed control, famous brand Freon-free compressor.
- * Diverse protection setting: overspeed protect, door protect, imbalance protect, to ensure safety of both human and machine.
- * Free conversion between rotary speed and centrifugal force.
- * Noise near silent at maximum RPM.
- * Air-tight rotor, to effectively avoid aerosol.

Application:

The equipment is widely used in agriculture, medicine, food hygiene, biopharmaceuticals, bioengineering, cell biology and biochemistry, etc. It is suitable for the separation and purification of microbial cells, cell proteins, mold and immunity.

Technical Parameters:

Model	BKC-TH21RHD
Max. Speed	21000rpm
Max. RCF	30815×g
Max. Capacity	4*750mL
Motor	AC frequency conversion motor
Speed Precision	±30rpm
Time Range	Centrifugal time: 1min~99 min59sec; Continuous centrifuge: Hold
Temp Range	-20℃~+40℃
Temp Accuracy	±1.0℃
Power Supply	AC220±10%V 50/60Hz(Standard); AC110V 60Hz(Optional)
Noise	< 60dB(A)
External Size(W*D*H) mm	703*710*400
Package Size(W*D*H) mm	910*825*570
Net Weight(kg)	110
Gross Weight(kg)	130

Rotor:

No.	Rotor	Max. Speed(rpm)	Max. RCF(xg)	Max. Capacity	Dimension of Tube(mm)
NO.1	Angle Rotor	21000	30815	12*1.5/2.0ml	Φ10*42
NO.2		16500	24890	24*1.5/2.0ml	Φ10*42
NO.3		15000	25650	32*1.5/2.0ml	Φ10*42
NO.4		15000	24270	48*1.5/2.0ml	Φ10*42
NO.5		16500	19170	12*5ml	Φ13*53
NO.6		15000	23120	12*10ml	Φ16*85
NO.7		15000	23640	6*50ml(●)	Φ29*106
NO.8		15000	23640	6*50ml(▲)	Φ29*116
NO.9		12000	15610	8*50ml(●)	Φ29*106
NO.10		12000	15610	8*50ml(▲)	Φ29*116
NO.11		15000	23640	8*15ml(▲)	Φ17*121
NO.12		14000	22022	12*15ml(▲)	Φ17*121
NO.13		10000	11808	6*100ml	Φ38*119
NO.14		13000	18138	4*100ml	Φ38*119
NO.15	Swing Rotor	/	/	Support	/
	Tube Rack	4000	2810	4*100ml	Φ38*116
				4*2*100ml	Φ38*116
				4*4*10ml	Φ16*106
				4*6*10ml	Φ16*106
				4*8*10ml	Φ16*106
				4*4*15ml(▲/●)	Φ16*120
				4*6*15ml(▲/●)	Φ16*120
				4*8*15ml(▲/●)	Φ16*120
				4*50ml(▲/●)	Φ29*116
				4*2*50ml(▲/●)	Φ29*116
NO.16	Swing Rotor	4200	3500	4*250ml	Φ62*126
	Adapter	4200	3500	4*8*5ml	/
				4*8*7ml	/
				4*7*10ml	/
				4*6*15ml	/
				4*2*50ml(●)	/
				4*1*50ml(▲)	/
				4*100ml	/
NO.17	Swing Rotor	4000	3040	4*500ml	Φ80*137
	Adapter	4000	3040	4*15*5ml	/
				4*15*7ml	/
				4*12*10ml	/
				4*8*15ml(▲)	/
				4*4*50ml(▲/●)	/
				4*2*100ml	/
				4*250ml	/
NO.18	Swing Rotor	4000	3180	4*750ml	Φ99*137
NO.19	Swing Rotor	4200	3500	4*12*5/7ml	Φ13*90/100
NO.20	Swing Rotor	4200	3500	4*18*5/7ml	Φ13*90/100
NO.21	Swing Rotor	4000	3040	4*24*5/7ml	Φ13*90/100
NO.22	Microplate Rotor	4000	2300	2*2*96 well	Microplate

With mark(●) or no mark is round-bottom tube, with mark(▲) is sharp-bottom tube