

Table Top High Speed Refrigerated Centrifuge



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.

Features:

- * 5-inch high-definition touch screen, easily operated, visual display.
- * Automatically identify 9 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.

Technical Parameters:

Model	BKC-TH20RHD
Max. Speed	20000rpm
Max. RCF	27000×g
Max. Capacity	4*100mL
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±22V 50/60Hz(Standard); AC110V 60Hz(Optional)
Noise	< 55dB(A)
External Size(W*D*H)mm	350*662*357
Package Size(W*D*H)mm	440*900*530
Net Weight(kg)	50
Gross Weight(kg)	73

Rotor:

No.	Rotor	Max. Speed(rpm)	Max. RCF(xg)	Max. Capacity	Dimension of Tube(mm)
NO.1	Angle Rotor	14500	14926	48*0.5ml	Φ8*32
NO.2		20000	27000	12*2.0/1.5ml	Φ10*42
NO.3		16000	24327	24*2.0/1.5ml	Φ10*42
NO.4		15000	25658	32*2.0/1.5ml	Φ10*42
NO.5		13000	18040	48*2.0/1.5ml	Φ10*42
NO.6		14500	14926	12*5ml	Φ14*54
NO.7		14000	20160	12*10ml	Φ16*87
NO.8		13000	18040	8*15ml(▲)	Φ17*121
NO.9		13000	18327	6*50ml(●)	Φ29*106
NO.10		13000	18327	6*50ml(▲)	Φ29*116
NO.11		11000	12850	4*100ml	Φ38*119
NO.12	Microplate Rotor	4000	2000	2*2*48 well	Microplate

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