

## Table Top High Speed Refrigerated Centrifuge

### Features:

- \* Maintenance-free brushless motor.
- \* Unbalance, over-speed, over-heat protection.
- \* LCD display.
- \* With motor gate lock mute mechanical & electrical integration.
- \* Provide more than 100 kinds of operating models.
- \* 10 levels for speed-up and speed-down control.



### Technical Parameters:

Model	BKC-TH16RIII	BKC-TH20RIII
Max. Capacity	4*100ml	
Max. Speed	16800rpm	20800rpm
Max. RCF	21370xg	29850xg
Speed Precision	±50rpm	
Temp range	-20~40°C	
Temp accuracy	±1°C	
Timing	1min~99h59min	
Noise	≤60dB	
Power supply	AC220V, 50/60Hz(Standard);AC110V,60Hz(Optional)	
Power consumption	1.5KW	
External size(W*D*H) mm	710*630*350	
Packing size(W*D*H) mm	850*740*570	
Net weight(kg)	75	
Gross weight(kg)	107	

### Rotor:

Model	BKC-TH16RIII			BKC-TH20RIII		
	Speed(rpm)	RF(xg)	Capacity	Speed(rpm)	RF(xg)	Capacity
Angle Rotor	16800	19470	12*1.5/2.0ml	20800	29850	12*1.5/2.0ml
	15000	21370	24*1.5/2.0ml	15000	21370	24*1.5/2.0ml
	14000	15777	18*1.5ml	16000	20606	18*1.5ml
	11000	12851	30*1.5ml	12000	15294	30*1.5ml
	12000	12357	48*0.5ml	13000	14503	48*0.5ml
	13000	11660	10*5ml	16000	17660	10*5ml
	12000	13820	12*10ml/5ml	14000	18810	12*10ml/5ml
	12000	14830	8*15ml	12000	14830	8*15ml
	12000	13820	6*50ml(●)	12000	13820	6*50ml(●)
	9000	8500	4*100ml	10000	10500	4*100ml
Swing Rotor	4000	2360	4*50ml	4000	2360	4*50ml
Microplate	3000	1120	2*2*48Well	3000	1120	2*2*48Well

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### Features:

- \* LCD display: indicating setting parameters and actual parameters.
- \* Brushless motor: high torque and variable frequency.
- \* Safety: over-speed and over-temperature protection, imbalance detection, shock absorber to keep motor running smoothly.
- \* Stainless steel chamber. \* Inching function. \* Mute mechatronics motor door lock.
- \* Over 20 selectable procedures, 9 levels speed-up and speed-down control.

### Technical Parameters:

Model	BKC-TH16R	BKC-TH20R
Max. Capacity	12*10ml	6*50ml
Max. Speed	16000rpm	20000rpm
Max. RCF	21370xg	27600xg
Standard Rotor	12*1.5/2.0ml	
Speed Precision	±50rpm	
Refrigeration System	CFC-free (R404a)	
Temp. Range	-20°C~40°C	
Temp. Precision	±1°C	
Timing Range	1min~99h59min	
Noise	<60dB	
Consumption	1.5KW	
Power Supply	AC220V, 50/60Hz(Standard);AC110V,60Hz(Optional)	
External Size(W*D*H) mm	710*630*350	
Package Size(W*D*H) mm	860*780*550	
Net/Gross Weight(kg)	73/95	

### Rotor:

Model	Capacity	BKC-TH16R		BKC-TH20R	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
Angle Rotor	12*1.5/2.0ml	16000	17660	20000	27600
	10*5ml	13000	11660	16000	17660
	24*1.5/2.0ml	15000	21370	15000	21370
	12*10ml/5ml	12000	13820	12000	13820
	6*50ml(●)	/	/	12000	13820