

### Table Top High Speed Centrifuge



**Features for BKC-TH16II:**

- \* DC Brushless motor with high start torque and frequency inversion for smooth running, maintenance-free.
- \* Microprocessor control, LED display, Memory flashing function, conversion of RPM/RCF.
- \* External cold-rolled steel with powder coating steel, stainless steel centrifugal chamber.
- \* Procedures of adjustable speed from grad 0 to 9 and 40 kinds of self-defining models.
- \* Functions: Electronic lock lid, imbalance detection, over-speed protection, inching function, short-spin function.

**Technical Parameters:**

Model	BKC-TH16II
Max. Capacity	4*100ml
Max. Speed	16600rpm
Max. RCF	19200×g
Speed Precision	±50rpm
Timing Range	0~99min
Noise	≤65dB
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	400*350*340
Package Size(W*D*H) mm	690*440*350
Net Weight(kg)	20
Gross Weight(kg)	30

**Rotor:**

Rotor	BKC-TH16II			
	Speed(rpm)	RCF(xg)	Capacity	
Angle Rotor	16600	19200	18*0.5ml	
	16600	19200	12*2.2/1.5ml	
	13000	16060	48*0.5ml	
	13000	16060	24*2.2/1.5ml	
	13000	11500	10*5ml	
	12000	14800	12*10ml	
	12000	14800	6*50ml	
	10000	11220	12*15ml	
	10000	11200	4*100ml	
	Micro Plate	4000	2300	2*2*48 well

### Table Top High Speed Refrigerated Centrifuge

**Features:**

- \* Programmable microprocessor control(AC brushless motor).
- \* LCD display: speed, RCF, time and temperature, conversion of RPM/RCF.
- \* CFC-free refrigeration, fast cooling, cycle defrost system.
- \* External cold-rolled steel with powder coating steel, stainless steel centrifugal chamber and lid.
- \* Fan-forced air circulation system for fast recovery of temperature.
- \* 10 procedures of adjustable speed from grad 0 to 9.
- \* Electronic lock lid and interlock safety system, auto lock rotor system.
- \* Alarm: lid open, imbalance, over speed, over temperature, rotor mounting abnormally.
- \* Functions: RCF selection, quick run, automatic rotor recognition and backup, electronic imbalance detection, dynamic electric brake system, memory-based programmed operation, inching function, short-spin function.



**Technical Parameters:**

Model	BKC-TH16RII	BKC-TH20RII
Max. Capacity	4*100ml	
Max. Speed	16000rpm	20500rpm
Max. RCF	17800xg	29200×g
Speed Precision	±30rpm	
Temp Range	-20~40°C	
Temp Accuracy	±1°C	
Timing	0~99h59min	
Noise	≤65dB	
Power Supply	1.5KW	1.75KW
Power Consumption	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	600*580*370	
Package Size(W*D*H) mm	630*660*440	690*712*615
Net Weight(kg)	90	95
Gross Weight (kg)	92	98

**Rotor:**

Model	BKC-TH16RII			BKC-TH20RII			
	Speed(rpm)	RCF(xg)	Capacity	Speed(rpm)	RCF(xg)	Capacity	
Angle Rotor	16000	17800	18*0.5ml	20500	29200	18*0.5ml	
	16000	17800	12*2.2/1.5ml	20500	29200	12*2.2/1.5ml	
	13000	16060	48*0.5ml	15000	21000	48*0.5ml	
	13000	16060	24*2.2/1.5ml	15000	21000	24*2.2/1.5ml	
	13000	11500	10*5ml	15000	14800	10*5ml	
	12000	14800	12*10ml	15000	23120	12*10ml	
	12000	14800	6*50ml(●)	13000	17400	6*50ml	
	10000	11220	12*15ml	12000	13200	12*15ml	
	10000	11220	4*100ml	10000	11200	4*100ml	
	Microplate	4000	2300	2*2*48well	4000	2300	2*2*48well