

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	±30rpm
Timing Range	0~99min
Noise	≤65dB
Power Supply	AC220±22V 50/60Hz(Standard); AC110V 60Hz(Optional)
External Size(W*D*H)mm	400*350*340
Package Size(W*D*H)mm	760*440*530
Net Weight(kg)	30
Gross Weight(kg)	60

Rotor:

No.	Rotor	Max. Speed(rpm)	Max. RCF(xg)	Max. Capacity	Dimension of Tube(mm)
No.1	Angle Rotor	16600	19200	18*0.5ml	Φ8*32
No.2		16600	19200	12*2.0/1.5ml	Φ10*42
No.3		13000	16060	48*0.5ml	Φ8*32
No.4		13000	16060	24*2.0/1.5ml	Φ10*42
No.5		13000	11500	10*5ml	Φ14*54
No.6		12000	14800	12*10ml	Φ16*87
No.7		12000	14800	6*50ml(●)	Φ29*105
No.8		12000	14800	6*50ml(▲)	Φ29*116
No.9		10000	11220	12*15ml(▲)	Φ16*102
No.10		10000	11200	4*100ml	Φ38*119
No.11	Micro Plate	4000	2300	2*2*48 well	Microplate

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

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Application:

The instrument applies to the experiments in fields of biology, medical science, agriculture, which is the first choice for heredity gene, protein nucleic acid PCR experiment.

Features:

- * 5-inch high-definition touch screen, easily operated, visual display.
- * Automatically identify 7 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.
- * 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.
- * Special air duct ensures that the rotors work at normal temperature.
- * Air-tight rotor, to effectively avoid aerosol.

Technical Parameters:

Model	BKC-TH16D
Max. Speed	16500rpm
Max. RCF	21500×g
Max. Capacity	4*100ml
Motor	Ac frequency conversion motor
Speed Precision	±30rpm
Time Range	Centrifugal time:1min~99 min59sec; Continuous centrifuge: Hold
Power Supply	AC220±22V 50/60Hz(Standard); AC110V 60Hz(Optional)
Noise	< 60dB(A)
External Size(W*D*H)mm	350*495*350
Package Size(W*D*H)mm	710*450*520
Net Weight(kg)	30
Gross Weight(kg)	45

Rotor:

No.	Rotor	Max. Speed(rpm)	Max. RCF(xg)	Max. Capacity	Dimension of Tube(mm)
No.1	Angle Rotor	16600	19200	12*2.2/1.5ml	φ10*42
No.2		12000	13900	48*0.5ml	φ8*32
No.3		14000	18756	24*2.2/1.5ml	φ10*42
No.4		13000	19270	32*2.2/1.5ml	φ10*42
No.5		12000	10100	12*5ml	φ13*53
No.6		12000	14800	12*10ml	φ16*83
No.7		12000	14800	6*50ml(●)	φ29*105
No.8		12000	14800	6*50ml(▲)	φ29*116
No.9		12000	15370	8*15ml(▲)	φ17*121
No.10		10000	11200	4*100ml	φ38*119
No.11	Microplate	4000	2300	2*2*48well	Microplate
No.11	Angle Rotor	13000	16200	6*8*0.2ml PCR	/

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

