Table Top High Speed Centrifuge



Introduction:

Centrifuge is a special equipment for rapid separation, concentration and purification of mixed substances with different sedimentation coefficients through centrifugal force generated by high-speed rotation. It is widely used in medical and health care, blood stations, pharmaceutical factories, biomedical engineering, animal and plant research and other fields. This product is mainly used for the separation of human samples before sample analysis.

Application:

The BKC-TH16B table top high-speed centrifuge can perform high-purity separation and extraction of samples, and is mostly used for the separation, preparation and enrichment of blood, cells, proteins, enzymes, viruses, etc.

Features:

* Adjustable acceleration levels:20, deceleration levels:20.
* It can store 100 programs, automatic memory form the lasting running programs.
* Embedded microprocessor control, DC brushless motor drive, maintenance-free, stable operation.
* The 5-inch touch LCD screen supports language customization, and the operation interface is intuitive and simple.
* It adopts electromechanical integration door lock, which is easy to use, safe and reliable.
* Silicone integral sealing ring is used to avoid aerosol overflow and ensure the safety of staff.
* With self-test, stall, overspeed, unbalance, overtemperature and other detection and alarm functions.
* Excellent shock absorption device to ensure the smoothness of the motor.
* Multiple groups of user-defined programs can be stored.
* Microcomputer control, real-time display speed, time, RCF and other parameters.
* Various angle rotors and adapters are available for 0.2ml-10ml centrifuge tubes.
* Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TH16B
Max. Capacity	12*10ml
Max. Speed	16000rpm
Max. RCF	21695×g
Timing Range	1s~99h59min/Continuous/Short-spin
Speed Precision	±20rpm
Noise	≤62dB
Consumption	500W
Power Supply	Standard: AC220V, 50/60Hz Optional: AC110V, 60Hz
External Size(L*W*H)	340*450*310mm
Package Size(L*W*H)	456*566*440mm
Net Weight	29kg
Gross Weight	34kg(220V), 39kg(110V)



Rotor:

NO.	Type	Volume	Max Speed(r/min)	Max RCF(×g)	Adapters
16M0003	Angle Rotor	8*7ml	14000	16435	/
16M0004		12*10/15ml(Low speed)	6000	3743	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
16M0005		12*10ml(High speed)	12000	14328	1.5/2ml, 5ml
16M0006		12*1.5/2ml	16000	18031	0.2ml, 0.5ml
16M0007		18*1.5/2ml	15000	18866	0.2ml, 0.5ml
16M0008		24*1.5/2ml	14000	19722	0.2ml, 0.5ml
16M0009		10*5ml	14000	15339	1.5/2ml
16M0085		40*0.2ml	16000	21695	/
16M0086		24*0.5ml	16000	20035	/
16M0087		30*0.5ml	13000	15210	/
16M0088		40*0.5ml	13000	15267	/
16M0089		4*8*0.2ml pcr	13000	11941	/
16M0020	Swing Rotor	24 Capillaries	12000	14170	/

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