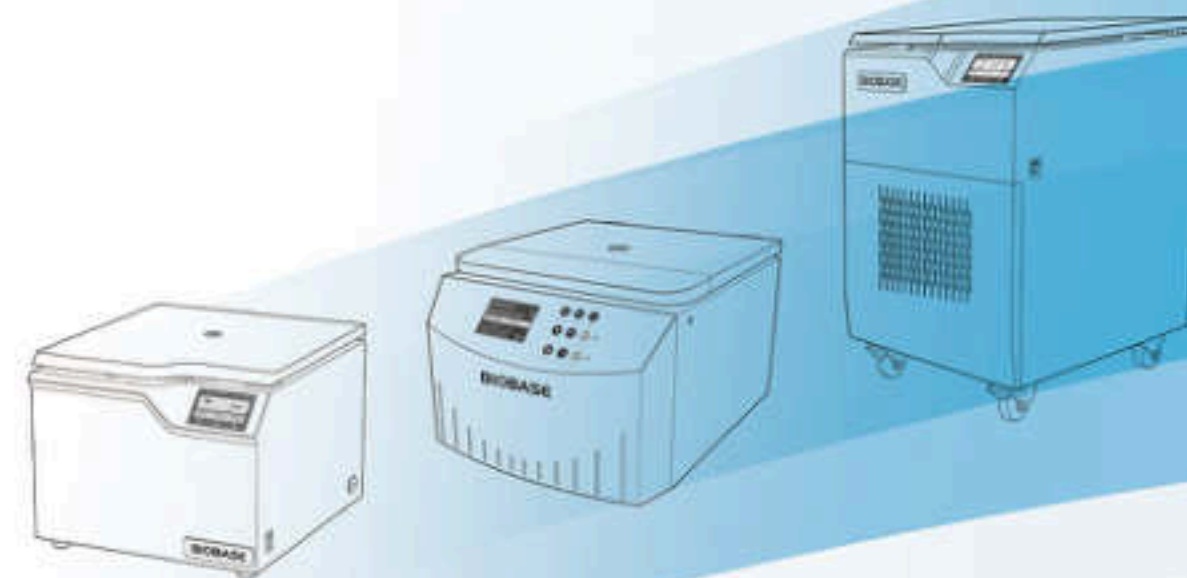


BIOBASE®

Centrifuge



BIOBASE GROUP

Add: No.9 Gangxing Road, High-tech Zone,
Jinan City, Shandong Province, China
Tel: +86-531-81219803
E-mail: export@biobase.com
Website: www.biobase.cc / www.biobase.com



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About Us

Founded in 1999, BIOBASE Group is specialized in products of 8 areas including medical diagnosis, biosafety protection, disinfection and sterilization solution, water purification system, infant care products, cold chain products, software products, clean room project.

We have full production line for MINI Centrifuge, Low Speed Centrifuge, Low Speed Refrigerated Centrifuge, High Speed Centrifuge, High Speed Refrigerated Centrifuge, Other Specific Function Centrifuge. And every year we have many new products that come into the market.

BIOBASE Group has certificates including ISO9001, ISO13485, ISO 14001, SGS, CE, etc for various products.

Providing with high quality products and good service, BIOBASE would like to establish win-win business cooperation with distributors all over the world.

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Single Speed Mini Centrifuge



Mini-12



Mini-7 / Mini-5

Application:

Mini centrifuges are mainly used for microcentrifugation, rapid removal of reagents from the test tube wall or test tube cover, and slow centrifugation of test tubes.

Features:

- * Rotor with 8 position & rotor for PCR strip tube.
- * Unique rotor clip design, easy to install and replace.
- * Long life, reliable motor, low noise, stable running.
- * Humanization design, switch control for cover.
- * Unibody casing looks wonderful.



Mini-12



Mini-7 / Mini-5

Technical Parameters:

Model	Mini-5	Mini-7	Mini-12
Max. Speed	5000rpm	7000rpm	12000rpm
Max. RCF	1350xg	2650xg	7780xg
Capacity	0.2/0.5/1.5/2.0ml×8; 8×4×0.2ml (PCR tube)		
Rotor	8×2.0/1.5/0.5/0.2ml rotor (0.2ml and 0.5ml adaptor); 8×4×0.2ml PCR tube		
Power Supply	AC110V~220V, 50/60Hz		AC110V~265V, 50/60Hz
Power	20W		60W
Noise	≤45dB(A)		≤65dB(A)
External Size(W*D*H)	178*178*115mm		
Packing Size(W*D*H)	320*250*210mm		
Net Weight	1kg		1.3kg
Gross Weight	2kg		1.8kg

Mini Centrifuge



0.2ml adaptor



0.5ml adaptor



12×4×0.2ml PCR tube



12×1.5/2ml and 8×4×0.2ml PCR tube

Introduction:

Mini centrifuges are mainly used for microcentrifugation, rapid removal of reagents from the test tube wall or test tube cover, and slow centrifugation of test tubes.

Features:

- * Unique rotor clip-on installation design, easy to replace the rotor without any tools.
- * Reliable and durable DC permanent magnet motor.
- * Small and beautiful appearance, smooth operation, ultra-low noise.
- * Faster acceleration/deceleration rate, complete the experiment in a shorter time.
- * Can be compatible with more test tube rotors to meet basic experimental needs.

Technical Parameters:

Model	Mini-5(with display)	Mini-7(with display)	Mini-10(with display)	Mini-12(with display)
Max. Speed	5000r/min	7000r/min	10000r/min	12000r/min
Max. RCF	1816xg	3560xg	7267xg	9660xg
Rotor	12×1.5/2ml, 8×4×0.2ml PCR tube, 12×4×0.2ml PCR tube 0.2ml and 0.5ml adaptor			
Timer Range	1s~99min			
Noise	≤65dB(A)			
Power	60W			70W
Power Supply	AC110V~220V, 50/60Hz			
External Size(L*W*H)	230*185*135mm			
Package Size(L*W*H)	330*260*210mm			
Net Weight	1.8kg			
Gross Weight	2.8kg			

Mini Centrifuge



Mini-5S/7S/10S/12S (With Display)



Mini-7S/10S (Without Display)

Application:

Mini centrifuges are mainly used for microcentrifugation, rapid removal of reagents from the test tube wall or test tube cover, and slow centrifugation of test tubes.

Features:

- * Smooth operation, ultra-low noise
- * Small and beautiful appearance, one machine for multiple uses
- * Novel composite test tube rotor, compatible with more types of test tubes
- * Reliable and durable DC permanent magnet motor, wider speed range
- * Unique rotor buckle design, convenient rotor replacement
- * High-strength material can effectively resist chemical corrosion

Technical Parameters:

Model	Mini-5S (With Display)	Mini-7S (With Display)	Mini-7S (Without Display)	Mini-10S (With Display)	Mini-10S (Without Display)	Mini-12S (With Display)
Max. Speed	5200rpm	7200rpm	7000rpm	10300rpm	10000rpm	12000rpm
Max. RCF	1865×g	3576×g	3560×g	7318×g	7267×g	9933×g
Max. Volume	12*2ml					
Timing Range	0s-99min59s		/	0s-99min59s	/	0s-99min59s
Speed Accuracy	±3%		±5%	±3%	±5%	±3%
Rotor	12*1.5/2/0.5ml + 4*8*0.2ml PCR tube, 4*12*0.2ml PCR tube					
Power Supply	AC110V~265V, 50/60Hz					
Power	60W		20W	60W		
Dimension(L*W*H)	176*241*139mm					
Package Size(L*W*H)	250*320*210mm					
Net Weight	2.25kg	2.25kg	1.7kg	2.25kg	2.5kg	2.25kg
Gross Weight	2.8kg	2.8kg	2.2kg	2.8kg	3kg	2.8kg

Low Speed Centrifuge

- * Low Speed Centrifuge (Economical Type)
- * Table Top Low Speed Centrifuge
- * Table Top Low Speed Large Capacity Centrifuge
- * Table Top Low Speed Refrigerated Centrifuge
- * Floor Type Low Speed Centrifuge
- * Low Speed Large Capacity Refrigerated Centrifuge
- * Low Speed Refrigerated Centrifuge

Low Speed Centrifuge(economical type)



Introduction:

These centrifuges are possessed of these special feature following: it is beautiful in appearance, large capacity but small in bulk and has a complete function and a stable performance, in addition, it has a little rate of increase in temperature and can be used efficiently and widely, It is a dependable instrument for qualitative analysis of serum, plasma and immunity in hospitals or chemical and biochemical laboratories.

Technical Parameters:

Model	LC-HD	LC-4KII	LC-4KA	LC-4K-2	LC-H4KII
Max. Speed	/	4000rpm		4000rpm, pointer display	
Max. RCF	/	1790×g	2325×g		
Max. Capacity	4*15ml	6*20ml	8*20ml	12*20ml	18*15ml
Timing Range	/	0~60min			
Consumption	/	50w	80W		
Power Supply	/	AC220V, 50Hz or AC110V, 60Hz			
External Size	60*100*250mm	φ245mm*220mm	310*280*270mm		
Package Size(L*W*H)	70*110*280mm	300*300*280mm	320*290*300mm		
Net Weight	1kg	3.5kg	8kg		
Gross Weight	1.1kg	4kg	9kg		

Technical Parameters:

Model	LC-5K	LC-4KB	LC-4KC	LC-T4K	LC-H4K
Max. Speed	5000rpm	4000rpm, pointer display			
Max. RCF	3630xg	2325xg			
Max. Capacity	12*20ml	12*20ml	12*20ml	8*20ml	12*10ml
Timing Range	0~30min	0~60min			
Consumption	135W	80W			
Power Supply	AC220V, 50/60Hz	AC220V, 50Hz or AC110V, 60Hz			
External Size	280*310*260mm	310*280*270mm		310*285*260mm	310*280*270mm
Package Size(L*W*H)	340*350*330mm	320*290*300mm		370*330*330mm	320*290*300mm
Net Weight	9kg	8kg		7kg	8kg
Gross Weight	10kg	9kg		8kg	9kg

Note: LC-4KC, LC-H4K and LC-H4KII have mechanical lock.



Rotor:

NO.	Rotors Type	Max. Capacity	Max. Speed	Max. RCF
1	Angle Rotor	6*20ml	4000rpm	1790xg
2		8*20ml	4000rpm	2325xg
3		12*20ml	4000rpm	2325xg
4		18*15ml	4000rpm	2325xg
5		12*10ml	4000rpm	2325xg
6	Angle Rotor (for LC-5K)	12*20ml	5000rpm	3630xg

Note: In the above parameters, the capacity represents the capacity of the centrifuge adapter, the default is round-bottom tube, with mark (▲) is sharp-bottom tube.

Table Top Low Speed Centrifuge



Introduction:

BKC-TL4B is a microcomputer controlled table top low speed automatic balance centrifuge, the machine is made of steel body, the surface is sprayed with plastic processing, so the rigidity is good, high strength, and novel shape, beautiful appearance, it has the advantages of low noise, low temperature rise, safety and reliability. The machine adopts DC brush maintenance-free motor drive, microcomputer control, door cover protection, so that your operation is safer, more convenient, more reliable.

Application:

It can be widely used in the separation of particles of different density at single temperature in scientific research laboratory and production of radioimmunity, biochemistry and so on.

Features:

- * Featuring an all-metal build and multi-layer explosion-proof design, it ensures ultra-safe and stable operation.
- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, smooth operation.
- * Push-button programming design, digital tube display, real-time display of all operating parameters, intuitive and simple operation.
- * Alarm monitoring function, real-time monitoring of lock and motor status, safe and reliable operation.
- * Centrifugal speed, centrifugal time and other parameters can be set, and real-time display of centrifugal force.
- * Equipped with a variety of Angle rotors, to meet different test requirements, a multi-purpose machine.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL4B
Max. Capacity	4*100ml
Max. Speed	4000rpm
Max. RCF	2250×g
Timing Range	1s~99min
Speed Precision	±10rpm
Noise	≤62dB
Consumption	150W
Power Supply	AC110 or 220V, 50/60Hz
External Size(L*W*H)mm	340*430*278
Net Weight(kg)	20
Package Size(L*W*H)mm	476*566*436
Gross Weight(kg)	24



Rotor:

No.	Rotor	Max. Speed(rpm)	Max. RCF(×g)	Max. Capacity
4M0001	Angle Rotor	4000	2058	6*50ml
	Adapter			6*50ml(▲), 6*20ml, 6*15ml, 6*10ml, 6*5ml, 6*1.5/2ml
4M0002	Angle Rotor		2058	4*50ml
	Adapter			4*50ml(▲), 4*20ml, 4*15ml, 4*10ml, 4*5ml, 4*1.5/2ml
4M0003	Angle Rotor		2250	12*20ml
	Adapter			12*15ml, 12*10ml, 12*5ml, 12*1.5/2ml
4M0004	Angle Rotor		2147	12*15ml
	Adapter			12*1.5/2ml
4M0005	Angle Rotor		1700	8*15ml
	Adapter			8*1.5/2ml
4M0006	Angle Rotor		2147	24*10ml
	Adapter			24*1.5/2ml, 24*2/3/4ml blood collecting tube
4M0007	Angle Rotor		2147	18*10ml
	Adapter			18*1.5/2ml, 18*2/3/4ml blood collecting tube
4M0008	Angle Rotor		2147	12*10ml
	Adapter			12*1.5/2ml, 12*2/3/4ml blood collecting tube
4M0009	Angle Rotor		1127	12*1.5ml/2ml
	Adapter			12*0.5ml, 12*0.2ml
4M0010	Angle Rotor		2058	4*100ml
	Adapter			/
4M0016	Angle Rotor		1681	12*5/7ml
	Adapter			12*2/3/4ml blood collecting tube
4M0017	Angle Rotor		2039	30*5/7ml
	Adapter			30*2/3/4ml blood collecting tube
4M0018	Angle Rotor		1073	2*8*0.2ml pcr
	Adapter			/
4M0021	Angle Rotor		1342	4*8*0.2ml pcr
	Adapter			/

With mark(▲) is sharp-bottom tube.

Table Top Low Speed Centrifuge



Introduction:

BKC-TL5B is used for separation of serum and plasma, precipitation of protein or urine sediment examination.

Features:

- * It can store 100 programs, automatic memory from the lasting running programs.
- * Adjustable acceleration levels: 20, deceleration levels: 20.
- * All-metal structure multi-layer explosion-proof design, strong and durable.
- * Embedded microprocessor control, DC brushless motor drive, maintenance free, smooth operation.
- * 5 inch touch LCD screen, real-time display all running parameters, the operation interface is intuitive and simple.
- * Support small language customization.
- * Mechanical and electrical integration door lock, easy to use, safe and reliable.
- * Silicone integral sealing ring to avoid aerosol overflow.
- * With self-test, block, overspeed, imbalance, over temperature detection and alarm functions, excellent shock absorption device.
- * Store multiple groups of user-defined programs, boot for the last program.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL5B
Max.Speed	5000rpm
Max.RCF	3962×g
Max.Capacity	4*300ml
Speed Precision	±10rpm
Time Range	1s~99h59min/Continuous/Short-span
Power Supply	Standard: AC220V, 50/60Hz Optional: AC110V, 50/60Hz
Noise	≤65dB(A)
External Size(L*W*H)	430*565*410mm
Package Size(L*W*H)	596*736*650mm
Net Weight	43kg
Gross Weight	55kg(220V), 60kg(110V)

Rotor:

Type	NO.	Volume	Max. Speed(r/min)	Max. RCF(×g)	Adapters
Swing Rotor	5M00024	48*2/3/4/5/7ml	4000	2952	/
	5M00025	48*5/7ml		2952	2/3/4ml blood collection tube
	5M00026	72*2/3/4/5/7ml		2808	/
	5M00029	16*10/15ml		2957	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
	5M00030	24*10/15ml		2957	
	5M00031	32*10/15ml		2952	
	5M00032	4*50ml	4500	3962	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml
	5M00033	8*50ml	4000	2952	
	5M00034	4*100ml	4500	3962	16*2/3/4ml blood collection tube, 16*5/7ml blood collection tube
	5M00036	8*100ml	4000	3077	32*2/3/4ml blood collection tube, 32*5/7ml blood collection tube
	5M00038	4*250ml(flat bottom)		2780	48*1.5/2ml, 40*2/3/4/5/7ml blood collection tube, 48*2/3/4/5/7ml blood collection tube, 24*10ml(▲), 28*10ml, 20*15ml, 4*50ml(▲), 8*50ml(●), 4*100ml
	5M00053	4*250ml(biosafety)		3041	
	5M00058	4*300ml		3220	
	5M00045	2*2*96 well		2361	/
Angle Rotor	5M00072	12*20ml	5000	3516	15ml, 10ml, 5ml, 1.5/2ml
	5M00073	12*15ml		3354	1.5/2ml, 2/3/4ml blood collection tube
	5M00074	8*15/20ml		2655	
	5M00069	24*10/15ml		3494	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
	5M00075	24*10ml		3354	1.5/2ml, 2/3/4ml blood collection tube
	5M00076	18*10ml		3354	
	5M00077	12*10ml		3354	
	5M00084	6*50ml		2711	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml

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

Table Top Low Speed Large Capacity Centrifuge



Introduction:

BKC-TL5C is used for rapid separation of serum, plasma and other body fluids.

Features:

- * It can store 100 programs, automatic memory form the lasting running programs.
- * Adjustable acceleration levels: 20; deceleration levels: 20.
- * All-metal structure multi-layer explosion-proof design, strong and durable.
- * Embedded microprocessor control, DC brushless motor drive, maintenance free, smooth operation.
- * 5 inch touch LCD screen, real-time display all running parameters, the operation interface is intuitive and simple.
- * Support small language customization.
- * Mechanical and electrical integration door lock, easy to use, safe and reliable.
- * Silicone integral sealing ring to avoid aerosol overflow.
- * With self-test, block, overspeed, imbalance, over temperature detection and alarm functions, excellent shock absorption device.
- * Store multiple groups of user-defined programs, boot for the last program.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL5C
Max.Speed	5000rpm
Max.RCF	3962×g
Max.Capacity	4*500ml
Speed Precision	±10rpm
Time Range	1s~99h59min/Continuous/Short-span
Power Supply	Standard: AC220V, 50/60Hz Optional: AC110V, 50/60Hz
Noise	≤65dB(A)
External Size(L*W*H)	500*620*410mm
Package Size(L*W*H)	620*740*710mm
Net Weight	56kg
Gross Weight	80kg(220V), 85kg(110V)

Rotor:

Type	NO.	Volume	Max. Speed(r/min)	Max. RCF(×g)	Adapters
Swing Rotor	5M00024	48*2/3/4/5/7ml blood collection tube	4000	2952	/
	5M00025	48*5/7ml blood collection tube		2952	2/3/4ml blood collection tube
	5M00026	72*2/3/4/5/7ml blood collection tube		2808	/
	5M00052	80*2/3/4/5/7ml blood collection tube		2808	/
	5M00027	96*2/3/4/5/7ml blood collection tube		3104	/
	5M00029	16*10/15ml		2957	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
	5M00030	24*10/15ml		2957	
	5M00031	32*10/15ml		2952	
	5M00080	48*15ml		3282	/
	5M00032	4*50ml	4500	3962	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml
	5M00033	8*50ml	4000	2952	
	5M00034	4*100ml	4500	3962	16*2/3/4ml blood collection tube, 16*5/7ml blood collection tube
	5M00036	8*100ml	4000	3077	32*2/3/4ml blood collection tube, 32*5/7ml blood collection tube
	5M00037	4*250ml(▲)		3578	/
	5M00038	4*250ml(flat bottom)		2780	48*1.5/2ml, 40*2/3/4/5/7ml blood collection tube, 48*2/3/4/5/7ml blood collection tube, 24*10ml(▲), 28*10ml, 20*15ml, 4*50ml(▲), 8*50ml(●), 4*100ml
	5M00053	4*250ml(biosafety)		3041	/
	5M00058	4*300ml		3220	
	5M00039	4*500ml(flat bottom)		3130	
	5M00054	4*500ml(biosafety)		3399	48*2/3/4/5/7ml blood collection tube, 64*2/3/4/5/7ml blood collection tube, 36*10ml(●), 36*10ml(▲), 36*15ml(●), 36*15ml(▲), 12*50ml(●), 12*50ml(▲), 16*50ml(●), 16*50ml(▲), 48*15ml(▲), 4*250ml(flat bottom), 32*15ml(▲), 48*10ml(●)
	5M00040	4*500ml(▲)		3578	/
	5M00047	80*2/3/4/5/7ml blood collection tube(auto uncapped)		3220	/
	5M00048	108*2/3/4/5/7ml blood collection tube(auto uncapped)		3399	/
Microplate rotor	5M00045	2*2*96well	5000	2361	/
	5M00043	4*2*96well		2987	/
Angle Rotor	5M00072	12*20ml		3516	15ml, 10ml, 5ml, 1.5/2ml
	5M00073	12*15ml		3354	1.5/2ml, 2/3/4ml blood collection tube
	5M00074	8*15/20ml		2655	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
	5M00069	24*10/15ml		3494	
	5M00075	24*10ml		3354	1.5/2ml, 2/3/4ml blood collection tube
	5M00076	18*10ml		3354	
	5M00077	12*10ml		3354	
	5M00084	6*50ml		2711	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml

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

Table Top Low Speed Centrifuge



Features:

- * Whole metal structure and multi-layer explosion-proof, safe, durable, to ensure the safety of operators.
- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, good shock-absorbing, stable operation.
- * 5-inch LCD touch screen, supporting Chinese and English switching function, minority language can be customized, real-time display of all parameters, the operation interface is intuitive and simple.
- * Electromechanical integration door lock, safe and reliable.
- * Integral food-grade silicone sealing ring is used to avoid aerosol overflow and ensure the safety of operator.
- * With self-test, blocking, overspeed, overtemperature and other alarm functions, excellent shock-absorb, the motor runs smoothly.
- * 100 groups of user-defined programs, easy to use common programs, boot for the last program.
- * 20 kinds of Acc/Dec rates are optional, the Acc/Dec rate is fast.
- * Equipped with a variety of angle rotors and adapters, suitable for 0.2ml-300ml centrifugal tubes, according to actual needs, to achieve a multi-purpose machine.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL6B
Max. Speed	6000rpm
Speed Accuracy	±10 rpm
Max. RCF	5111×g
Max. Volume	4*300ml
Timing Range	1s-99h59s/Continuous/Short-span
Noise	≤60dB
Power Supply	Standard: AC220V, 50/60Hz Optional: AC110V, 50/60Hz
External Size(L*W*H)	430*565*410mm
Package Size(L*W*H)	596*736*650mm
Net Weight	43kg
Gross Weight	55kg(220V), 60kg(110V)



Rotors:

NO.	Rotors Type	Volume	Max. Speed(rpm)	Max. RCF(×g)	Adapters
SM00024	Swing Rotor	48*2/3/4/5/7ml	4000	2952	/
SM00025		48*5/7ml	4000	2952	2/3/4ml blood collection tube
SM00026		72*2/3/4/5/7ml	4000	2608	/
SM00029		16*10/15ml	4000	2957	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
SM00030		24*10/15ml	4000	2957	
SM00031		32*10/15ml	4000	2952	
SM00032		4*50ml	4500	3962	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5ml/2ml
SM00033		8*50ml	4000	2952	
SM00034		4*100ml	4500	3962	
SM00036		8*100ml	4000	3077	16*2/3/4ml blood collection tube, 16*5/7ml blood collection tube
SM00038		4*250ml(flat bottom)	4000	2780	32*2/3/4ml blood collection tube, 32*5/7ml blood collection tube
SM00053		4*250ml(biosafety)	4000	3041	48*1.5/2ml, 40*2/3/4/5/7ml blood collection tube, 48*2/3/4/5/7ml blood collection tube, 24*10ml(▲), 28*10ml, 20*15ml, 4*50ml(▲), 8*50ml(●), 4*100ml
SM00058		4*300ml	4000	3220	/
SM00045	Swing Microplate Rotor	2*2*96 well	4000	2361	/
SM00072	Angle Rotor	12*20ml	5000	3516	15ml, 10ml, 5ml, 1.5/2ml
SM00073		12*15ml	5000	3354	1.5/2ml, 2/3/4ml blood collection tube
SM00074		8*15/20ml	5000	2655	
SM00075		24*10ml	5000	3354	1.5/2ml, 2/3/4ml blood collection tube
SM00076		18*10ml	5000	3354	
SM00077		12*10ml	5000	3354	
SM00083		12*10/15ml	6000	5111	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
SM00089		24*10/15ml		5031	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5ml/2ml
SM00084		8*50ml		3904	

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

Table Top Low Speed Large Capacity Centrifuge



Introduction:

BKC-TL6C is used for rapid separation of serum, plasma and other body fluids.

Features:

- * Whole metal structure and multi-layer explosion-proof, safe, durable, to ensure the safety of operators.
- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, good shock-absorbing, stable operation.
- * 5-inch LCD touch screen, supporting Chinese and English switching function, minority language can be customized, real-time display of all parameters, the operation interface is intuitive and simple.
- * Electromechanical integration door lock, safe and reliable.
- * Integral food-grade silicone sealing ring is used to avoid aerosol overflow and ensure the safety of operator.
- * With self-test, blocking, overspeed, overtemperature and other alarm functions, excellent shock-absorb, the motor runs smoothly.
- * Multiple groups of user-defined programs, easy to use common programs, boot for the last program.
- * Equipped with a variety of angle rotors and adapters, suitable for 0.1ml-750ml centrifugal tube, according to actual needs, to achieve a multi-purpose machine.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL6C
Max. Speed	6000rpm
Speed Accuracy	±10rpm
Max. RCF	5111×g
Max. Volume	4*750ml
Timing Range	1s-99min59s/Continuous/Short-span
Noise	≤65dB
Power Supply	Standard: AC220V, 50/60Hz Optional: AC110V, 50/60Hz
External Size(L*W*H)	500*620*410mm
Package Size(L*W*H)	620*740*710mm
Net Weight	56kg
Gross Weight	80kg(220V), 85kg(110V)

Rotor:

NO.	Rotor Type	Volume	Max. Speed(rpm)	Max. RCF(×g)	Adapters
5M00024	Swing Rotor	48*2/3/4/5/7ml blood collection tube	4000	2952	/
5M00025		48*5/7ml blood collection tube		2952	2/3/4ml blood collection tube
5M00026		72*2/3/4/5/7ml blood collection tube		2808	/
5M00052		80*2/3/4/5/7ml blood collection tube		2808	/
5M00027		96*2/3/4/5/7ml blood collection tube		3104	/
5M00029		16*10/15ml		2957	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
5M00030		24*10/15ml		2957	
5M00031		32*10/15ml		2952	
5M00080		48*15ml		3282	/
5M00056		36*10ml		2882	/
5M00057		64*10/15ml		3220	/
5M00032		4*50ml	4500	3962	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml
5M00033		8*50ml	4000	2952	
5M00034	Swing Rotor	4*100ml	4500	3962	16*2/3/4ml blood collection tube, 16*5/7ml blood collection tube
5M00036		8*100ml	4000	3077	32*2/3/4ml blood collection tube, 32*5/7ml blood collection tube
5M00037		4*250ml(▲)		3578	/
5M00038		4*250ml(flat bottom)		2780	48*1.5/2ml, 40*2/3/4/5/7ml blood collection tube, 48*2/3/4/5/7ml blood collection tube, 24*10ml(▲), 28*10ml, 20*15ml, 4*50ml(▲), 8*50ml(●), 4*100ml
5M00053		4*250ml(biosafety)		3041	48*2/3/4/5/7ml blood collection tube, 64*2/3/4/5/7ml blood collection tube, 36*10ml(●), 36*10ml(▲), 36*15ml(●), 36*15ml(▲), 12*50ml(●), 12*50ml(▲), 16*50ml(●), 16*50ml(▲), 48*15ml(▲), 4*250ml(flat bottom), 32*15ml(▲), 48*10ml(●)
5M00058		4*300ml		3220	
5M00039		4*500ml(flat bottom)		3130	108*2/3/4/5/7ml blood collection tube, 60*15ml(●), 60*15ml(▲), 24*50ml(●), 24*50ml(▲), 28*50ml(●), 28*50ml(▲)
5M00054		4*500ml(biosafety)		3399	
5M00040		4*500ml(▲)		3578	/
5M00041		4*750ml(flat bottom)		3399	15ml, 10ml, 5ml, 1.5/2ml
5M00055		4*750ml(biosafety)		3399	
5M00047	Auto Uncap Swing Rotor	80*2/3/4/5/7ml blood collection tube(Auto uncap)	5000	3220	/
5M00048		108*2/3/4/5/7ml blood collection tube(Auto uncap)		3399	/
5M00049		96*10ml blood collection tube(Auto uncap)		3211	/
5M00045	Swing Microplate Rotor	2*2*96 well	5000	2381	/
5M00043		4*2*96 well		2987	/
5M00072	Angle Rotor	12*20ml	5000	3516	1.5/2ml, 2/3/4ml blood collection tube
5M00073		12*15ml		3354	
5M00074		8*15/20ml		2655	
5M00075		24*10ml		3354	
5M00076		18*10ml		3354	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
5M00077		12*10ml		3354	
5M00083		12*10/15ml		5111	
5M00089		24*10/15ml		5031	
5M00084	Angle Rotor	6*50ml	6000	3904	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml

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

Table Top Low Speed Refrigerated Centrifuge



Features:

- * Adopts CFC-free compressor unit and environmentally friendly refrigerant R404a, with a wide temperature range -20°C ~+40°C, temperature adjustable during running. With refrigeration function, quickly lower the temperature the setting temperature. With standby cooling function, the set temperature can be maintained in standby state.
- * Whole metal structure and multi-layer explosion-proof, safe, durable, to ensure the safety of operators.
- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, good shock-absorbing, stable operation.
- * 5-inch LCD touch screen, supporting Chinese and English switching function, minority language can be customized, real-time display of all parameters, the operation interface is intuitive and simple.
- * Electromechanical integration door lock, safe and reliable.
- * Integral food-grade silicone sealing ring is used to avoid aerosol overflow and ensure the safety of operator.
- * With self-test, blocking, overspeed, overtemperature and other alarm functions, excellent shock-absorb, the motor runs smoothly.
- * Multiple groups of user-defined programs, easy to use common programs, boot for the last program.
- * Equipped with a variety of angle rotors and adapters, suitable for 0.1m~500ml centrifugal tube, according to actual needs, to achieve a multi-purpose machine.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL6CR
Max. Speed	6000rpm
Speed Accuracy	±10 rpm
Max. RCF	5290*g
Max. Volume	4*500ml
Timing Range	1s~99h59min/Continuous/Short-span
Temp. Range	-20°C ~+40°C
Temp. Accuracy	±1°C
Noise	≤65dB
Power Supply	Standard: AC220V, 50/60Hz Optional: AC110V, 50/60Hz
External Size(L*W*H)	785*670*445mm
Package Size(L*W*H)	815*915*850mm
Net Weight	105kg
Gross Weight	170kg(220V), 180kg(110V)

Rotor:

NO.	Rotor Type	Volume	Max. Speed(rpm)	Max. RCF(g)	Adapters
5M00024		48*2/3/4/5/7ml blood collection tube	4000	2952	/
5M00025		48*5/7ml blood collection tube		2952	2/3/4ml blood collection tube
5M00026		72*2/3/4/5/7ml blood collection tube		2808	/
5M00027		96*2/3/4/5/7ml blood collection tube		3104	/
5M00029		16*10/15ml		2957	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
5M00030		24*10/15ml		2957	
5M00031		32*10/15ml		2952	
5M00056		36*10ml		2862	/
5M00032		4*50ml	5200	5290	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml
5M00033		8*50ml	4000	2952	
5M00034	Swing Rotor	4*100ml	5200	5290	16*2/3/4ml blood collection tube, 16*5/7ml blood collection tube
5M00036		8*100ml	4000	3077	32*2/3/4ml blood collection tube, 32*5/7ml blood collection tube
5M00037		4*250ml(▲)		3578	/
5M00038		4*250ml(flat bottom)		2780	48*1.5/2ml, 40*2/3/4/5/7ml blood collection tube, 48*2/3/4/5/7ml blood collection tube,
5M00053		4*250ml(biosafety)		3041	24*10ml(▲), 28*10ml, 20*15ml, 4*50ml(▲), 8*50ml(●), 4*100ml
5M00058		4*300ml		3220	/
5M00039		4*500ml(flat bottom)		3130	48*2/3/4/5/7ml blood collection tube, 64*2/3/4/5/7ml blood collection tube, 36*10ml(●), 36*10ml(▲), 36*15ml(●),
5M00054		4*500ml(biosafety)		3399	36*15ml(▲), 12*50ml(●), 12*50ml(▲), 16*50ml(●), 16*50ml(▲), 48*15ml(▲), 4*250ml(flat bottom), 32*15ml(▲), 48*10ml(●)
5M00046	Auto Uncap Swing Rotor	48*2/3/4/5/7ml vacuum blood collection tube (Auto uncap)		3220	/
5M00045	Swing Microplate Rotor	2*2*96 well		2361	/
5M00060	PRP Swing Rotor	4*10ml conventional syringe	4300	3401	/
5M00061		4*20ml conventional syringe		3649	/
5M00035		4*50ml conventional syringe	4000	3309	/
5M00072	Angle Rotor	12*20ml	5000	3516	15ml, 10ml, 5ml, 1.5ml
5M00073		12*15ml		3354	1.5/2ml, 2/3/4ml vacuum blood collection tube
5M00074		8*15/20ml		2655	
5M00075		24*10ml			1.5ml, 2/3/4ml vacuum blood collection tube
5M00076		18*10ml	6000	3354	
5M00077		12*10ml			
5M00083		12*10/15ml		5111	
5M00089		24*10/15ml		5031	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
5M00084		6*50ml		3804	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5ml

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

Floor Type Low Speed Centrifuge



Features:

- * Whole metal structure and multi-layer explosion-proof, safe, durable, to ensure the safety of operators.
- * Embedded microprocessor control, DC brushless motor driving, maintenance-free, stable operation.
- * The 5-inch LCD touch screen, supporting switching between Chinese and English, minor languages can be customized.
- * All parameters are displayed real-time. The operation interface is intuitive and simple.
- * Electromechanical integration door lock, safe and reliable.
- * Integral food-grade silicone sealing ring is used to avoid aerosol overflow and ensure the safety of operator.
- * With self-test, blocking, overspeed, overtemperature and other alarm functions, excellent shock-absorbing performance, the motor runs smoothly.
- * Multiple groups of user-defined programs, easy to use common programs, boot for the last program.
- * Equipped with a variety of angle rotors and adapters, suitable for 0.2ml-750ml centrifugal tube, according to actual needs, to achieve multi-purpose.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-DL6C
Max. Speed	6000rpm
Speed Accuracy	±10rpm
Max. RCF	5111×g
Max. Volume	4*750ml
Power Supply	AC220V, 50/60Hz
Timing Range	1s-99h59min, Continuous/Short-span
Noise	≤65dB
External Size(L*W*H)	500*635*820mm
Package Size(L*W*H)	700*580*1100mm
Net Weight	91kg
Gross Weight	105kg(220V), 110kg(110V)

Rotor:

NO.	Rotor Type	Volume	Max. Speed(rpm)	Max. RCF(×g)	Adapters
5M00024		48*2/3/4/5/7ml vacuum blood collection tube	4000	2952	/
5M00025		48*5/7ml vacuum blood collection tube		2952	2/3/4ml vacuum blood collection tube
5M00026		72*2/3/4/5/7ml vacuum blood collection tube		2808	/
5M00052		80*2/3/4/5/7ml vacuum blood collection tube		2808	/
5M00027		96*2/3/4/5/7ml vacuum blood collection tube		3104	/
5M00029		16*10/15ml		2957	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
5M00030		24*10/15ml		2952	
5M00031		32*10/15ml		2952	/
5M00080		48*15ml		3282	
5M00056		36*10ml		2862	/
5M00057		64*10ml/15ml		3220	/
5M00032		4*50ml	4500	3962	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml
5M00033		8*50ml	4000	2952	
5M00034	Swing Rotor	4*100ml	4500	3962	16*2/3/4ml blood collection tube, 16*5/7ml blood collection tube
5M00036		8*100ml	4000	3077	32*2/3/4ml blood collection tube, 32*5/7ml blood collection tube
5M00037		4*250ml(▲)		3578	/
5M00038		4*250ml(flat bottom)		2780	48*1.5/2ml, 40*2/3/4/5/7ml blood collection tube, 48*2/3/4/5/7ml blood collection tube, 24*10ml(▲), 28*10ml, 20*15ml, 4*50ml(▲), 8*50ml(●), 4*100ml
5M00053		4*250ml(biosafety)		3041	/
5M00058		4*300ml		3220	
5M00039		4*500ml(flat bottom)		3130	48*2/3/4/5/7ml blood collection tube, 64*2/3/4/5/7ml blood collection tube, 36*10ml(●), 36*10ml(▲), 36*15ml(●), 36*15ml(▲), 12*50ml(●), 12*50ml(▲), 16*50ml(●), 16*50ml(▲), 48*15ml(▲), 4*250ml(flat bottom), 32*15ml(▲), 48*10ml(●)
5M00054		4*500ml(biosafety)		3399	/
5M00040		4*500ml(▲)		3578	
5M00041		4*750ml(flat bottom)		3399	108*2/3/4/5/7ml blood collection tube, 60*15ml(●), 60*15ml(▲), 24*50ml(▲), 24*50ml(●), 28*50ml(●), 28*50ml(▲)
5M00055		4*750ml(biosafety)		3399	/
5M00047		80*2/3/4/5/7ml blood collection tube(Auto uncap)		3220	
5M00048		108*2/3/4/5/7ml blood collection tube(Auto uncap)		3399	/
5M00049		96*10ml vacuum blood collection tube(Auto Uncap)		3211	
5M00045	Swing	2*2*96 well	5000	2361	/
5M00043		4*2*96 well		2987	/
5M00072	Microplate Rotor	12*20ml		3516	15ml, 10ml, 5ml, 1.5/2ml
5M00073		12*15ml		3354	
5M00074		8*15/20ml		2655	1.5/2ml, 2/3/4ml blood collection tube
5M00075		24*10ml		3354	
5M00076		18*10ml		3354	
5M00077		12*10ml		3354	
5M00083	Angle Rotor	12*10/15ml		5111	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
5M00069		24*10/15ml		5031	
5M00084		6*50ml	6000	3904	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml

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

Table Top Low Speed Centrifuge



Introduction:

BKC-TL4P is a microcomputer controlled table top low speed automatic balance centrifuge, the core construction is made of steel, the surface is sprayed with plastic processing, so the rigidity is good, high strength, and novel shape, beautiful appearance, it has the advantages of low noise, low temperature rise, safety and reliability. The machine adopts DC brushless maintenance-free motor drive, microcomputer control, door cover protection, so that your operation is safer, more convenient, more reliable.

Application:

It can be widely used in the separation of particles of different density at single temperature in scientific research laboratory and production of radioimmunity, biochemistry and so on.

Features:

- * Metal-core construction with a multi-layer burst-proof shield, combining a streamlined profile with lab-grade durability.
- * Brushless motor and multi-stage damping technology ensure ultra-quiet, vibration-free operation.
- * One-piece food-grade silicone seal provides 360° aerosol protection.
- * Intuitive keypad and bright LED display, with 110 preset protocols (10 multi-step + 100 single-step) for one-touch operation.
- * 10 acceleration/deceleration curves, 2 start modes, and programmable lid-opening support diverse experimental workflows.
- * Optimized airflow guidance system eliminates sample overheating risks.
- * Real-time monitoring with alerts for lid lock, imbalance, and over-speed, supported by dual-layer safety protection.
- * Compatible with rotors and adapters for tubes from 0.1 to 100 ml, enabling comprehensive sample processing in a single unit.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL4P
Max. Capacity	4*100ml
Max. Speed	4000rpm
Max. RCF	2250×g
Timing Range	1s~99min59s/Continuous/Short-span
Speed Precision	±10rpm
Noise	≤60dB(A)
Consumption	150W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)
External Size(L*W*H)	340*470*280mm
Net Weight	18kg
Package Size(L*W*H)	456*546*456mm
Gross Weight	22kg

Rotor:

No.	Rotor	Max. Speed(rpm)	Max. RCF(×g)	Capacity
4M0001	Angle Rotor	4000	2058	6*50ml
	Adapter			6*50ml(▲), 6*20ml, 6*15ml, 6*10ml, 6*5ml, 6*1.5/2ml
4M0002	Angle Rotor		2058	4*50ml
	Adapter			4*50ml(▲), 4*20ml, 4*15ml, 4*10ml, 4*5ml, 4*1.5/2ml
4M0003	Angle Rotor		2250	12*20ml
	Adapter			12*15ml, 12*10ml, 12*5ml, 12*1.5/2ml
4M0004	Angle Rotor		2147	12*15ml
	Adapter			12*1.5/2ml
4M0005	Angle Rotor		1700	8*15ml
	Adapter			8*1.5/2ml
4M0006	Angle Rotor		2147	24*10ml
	Adapter			24*1.5/2ml, 24*2/3/4ml blood collecting tube
4M0007	Angle Rotor		2147	18*10ml
	Adapter			18*1.5/2ml, 18*2/3/4ml blood collecting tube
4M0008	Angle Rotor		2147	12*10ml
	Adapter			12*1.5/2ml, 12*2/3/4ml blood collecting tube
4M0009	Angle Rotor		1127	12*1.5ml/2ml
	Adapter			12*0.5ml, 12*0.2ml
4M0010	Angle Rotor		2058	4*100ml
	Adapter			/
4M0016	Angle Rotor		1681	12*5/7ml
	Adapter			12*2/3/4ml blood collecting tube
4M0017	Angle Rotor		2039	30*5/7ml
	Adapter			30*2/3/4ml blood collecting tube
4M0018	Angle Rotor		1073	2*8*0.2ml pcr
	Adapter			/
4M0021	Angle Rotor		1342	4*8*0.2ml pcr
	Adapter			/

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

Table Top Low Speed Centrifuge



Introduction:

BKC-TL5P is used for separation of serum and plasma, precipitation of protein or urine sediment examination.

Features:

- * 5 inch touch LCD screen, real-time display all running parameters.
- * One-touch operation: Store and instantly launch up to 100 custom protocols to streamline both routine and complex workflows.
- * Metal-core construction with a multi-layer burst-proof shield, combining a streamlined profile with lab-grade durability.
- * Brushless motor and multi-stage damping technology ensure ultra-quiet, vibration-free operation.
- * One-piece food-grade silicone seal provides 360° aerosol protection.
- * 20 acceleration/deceleration curves, 2 start modes, and programmable lid-opening support diverse experimental workflows.
- * Optimized airflow guidance system eliminates sample overheating risks.
- * Real-time monitoring with alerts for lid lock, imbalance, and over-speed, supported by dual-layer safety protection.
- * Compatible with rotors and adapters for tubes from 0.1 to 300 ml, enabling comprehensive sample processing in a single unit.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL5P
Max.Speed	5000rpm
Max.RCF	3962×g
Max.Capacity	4*300ml
Speed Precision	±10rpm
Time Range	1s~99h59min/Continuous/Short-span
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)
Noise	≤60dB(A)
External Size(L*W*H)	430*615*400mm
Package Size(L*W*H)	530*665*570mm
Net Weight	45kg
Gross Weight	54kg(220V); 59kg(110V)

Rotor:

Type	NO.	Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapters
Swing Rotor	5M00024	48*2/3/4/5/7ml	4000	2952	/
	5M00025	48*5/7ml		2952	2/3/4ml blood collection tube
	5M00026	72*2/3/4/5/7ml		2808	/
	5M00029	16*10/15ml		2957	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
	5M00030	24*10/15ml	4500	2957	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
	5M00031	32*10/15ml		2952	
	5M00032	4*50ml	4500	3962	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml
	5M00033	8*50ml	4000	2952	16*2/3/4ml blood collection tube, 16*5/7ml blood collection tube
	5M00034	4*100ml	4500	3962	
	5M00036	8*100ml	4000	3077	32*2/3/4ml blood collection tube, 32*5/7ml blood collection tube
	5M00038	4*250ml(flat bottom)		2780	48*1.5/2ml, 40*2/3/4/5/7ml blood collection tube, 48*2/3/4/5/7ml blood collection tube, 24*10ml(▲), 28*10ml, 20*15ml, 4*50ml(▲), 8*50ml(●), 4*100ml
	5M00053	4*250ml(biosafety)		3041	/
	5M00058	4*300ml		3220	
Microplate Rotor	5M00045	2*2*96 well		2361	/
Angle Rotor	5M00072	12*20ml	5000	3516	15ml, 10ml, 5ml, 1.5/2ml
	5M00073	12*15ml		3354	1.5/2ml, 2/3/4ml blood collection tube
	5M00074	8*15/20ml		2655	2/3/4ml blood collection tube, 5/7ml blood collection tube, 5ml, 7ml, 15ml(▲)
	5M00069	24*10/15ml		3494	
	5M00075	24*10ml		3354	1.5/2ml, 2/3/4ml blood collection tube
	5M00076	18*10ml		3354	
	5M00077	12*10ml		3354	
	5M00084	6*50ml		2711	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml

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

Table Top Low Speed Centrifuge



Introduction:

BKC-TL4C centrifuge is a benchtop low-speed centrifuge, suitable for the separation of blood samples in clinical laboratories, laboratories, beauty salons, dental hospitals, etc.

Features:

- * Compact in size, safe and reliable, easy to use.
- * Offers 10 different lifting speeds, with fast lifting rate.
- * Constructed with high-quality plastic mold material, explosion-proof protection.
- * Equipped with a DC brushless motor, ensuring smooth operation, minimal vibration and low noise.
- * Button-style programming design, allowing real-time display of operating parameters for more intuitive operation.
- * Capable of setting centrifugal speed, time, and lifting speed gears and viewing centrifugal force at any time.
- * Ultra-low noise, microcomputer control, intelligent interface, fault display, door cover, over-speed and other automatic protection functions.

Technical Parameters:

Model	BKC-TL4C
Max Speed	4000rpm
Max RCF	1880×g
Max Capacity	8*20ml
Speed Precision	±10rpm
Timing Range	1s~99min
Noise	≤55dB
Consumption	65W
Power Supply	AC110~220V, 50/60Hz
External Size(W*D*H)	310*275*210mm
Package Size(W*D*H)	380*330*270mm
Net Weight	6kg
Gross Weight	7.5kg

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)	Adapter
No.1	Angle Rotor	12*5/7ml	4000	1540	12*2ml
No.2		12*10ml		1790	12*5ml
No.3		6*10ml		1880	/
No.4		8*10ml		1840	/
No.5		8*15ml		1840	/
No.6		8*20ml		1880	/

Table Top Low Speed Centrifuge



Introduction:

BKC-TL4X is professionally designed for blood bank, mainly used with coagulant amine media reagents, can quickly complete the cross-matching experiments blood type identification and irregular antibody selection, better meet the needs of centrifugation of blood bank.

Features:

- * Using microcomputer processor control, LCD real-time display of all operating parameters.
- * Time setting can be accurate to seconds, after starting to reach the set speed that is the beginning of the countdown, timing to "0" automatic shutdown.
- * Fast ascending/descending rate, can set up 10 grades of ascending/descending rate to meet customer demand.
- * Special ventilation and cooling design to avoid the centrifugal chamber temperature is too high and lead to blood quality change.
- * 20 sets of centrifugal programs can be set and stored.
- * Lightly press the door cover to lock, press the key to open the door, the door cover is in the automatic locking state during the operation of the instrument. Sound prompts after centrifugation is completed.

Technical Parameters:

Model	BKC-TL4X
Max Speed	4000rpm
Max RCF	2250×g
Max Capacity	24*10ml
Speed Precision	±20rpm
Timing Range	1s~999min
Noise	≤65dB
Consumption	200W
Power Supply	AC110~220V, 50/60Hz
External Size (W*D*H)	350*400*270mm
Package Size (W*D*H)	580*460*360mm
Net Weight	18kg
Gross Weight	28.5kg

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)	Adapter
No.1	Angle Rotor	24*10ml	4000	2250	24*5ml
No.2		12*15ml		2200	/

Table Top Low Speed Centrifuge



Introduction:

BKC-TL4MII is a microcomputer-controlled table top low speed automatic balancing centrifuge, the machine is a steel body, the surface of which is sprayed with plastic, resulting in good rigidity, high strength, and novel shape, beautiful appearance, low noise, low temperature rise, safety and reliability.

Application:

It can be widely used in radioimmunity, biochemistry, pharmaceutical and other scientific research laboratories and production units for the separation of particles of different densities.

Features:

- * LCD display, real-time display of all operating parameters.
- * Can store and recall 20 sets of operating programs.
- * Support speed 1rpm and time 1s fine-tuning; power-down self-recovery.
- * Adjustable parameters during operation, convenient and quick.
- * 16 lifting rates to choose from, fast lifting speeds.
- * Equipped with program memory function, automatically retains the parameters from the last run and automatically restores the set parameters before shutdown.

Technical Parameters:

Model	BKC-TL4MII
Max Speed	4000rpm
Max RCF	2250×g
Max Capacity	4*100ml
Speed Precision	±20rpm
Timing Range	1s~999min
Noise	≤65dB
Consumption	250W
Power Supply	AC110~220V, 50/60Hz
External Size(W*D*H)	430*350*270mm
Package Size(W*D*H)	580*460*360mm
Net Weight	19kg
Gross Weight	27.5kg



12*10ml

12*20ml

24*10ml

4*50ml

6*50ml

4*100ml

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)	Adapter
No.1	Angle Rotor	12*5ml	4000	2150	12*2ml
No.2		30*5ml		2250	30*2ml
No.3		12*10ml		2200	12*5ml
No.4		18*10ml		2250	18*5ml
No.5		24*10ml		2250	24*5ml
No.6		8*15ml		2100	/
No.7		12*15ml		2200	/
No.8		12*20ml		2150	/
No.9		4*50ml		2100	/
No.10		6*50ml		2100	/
No.11		4*100ml		2100	/

Table Top Low Speed Centrifuge



4*2*50ml



4*100

Introduction:

BKC-TL5E is a "table-top, low-speed, multi-tube rack" centrifuge, often used as an instrument for separating serum, plasma, precipitating proteins, or for urine sediment examination.

Features:

- * Embedded microprocessor control, push-button programming.
- * Can store and recall 20 sets of operating programs.
- * Support speed 1rpm and time 1s fine-tuning; power-down self-recovery.
- * Adjustable parameters during operation, convenient and quick.
- * 10 lifting rates to choose from, fast lifting speeds.
- * Equipped with program memory function, automatically retains the parameters from the last run and automatically restores the set parameters before shutdown.
- * Automatic door opening and alert when centrifugation is complete.
- * Multi-stage shock absorption, multiple protection for over-speed, imbalance and door cover.

Technical Parameters:

Model	BKC-TL5E
Max Speed	5000rpm
Max RCF	3500×g
Max Capacity	4*2*100ml
Speed Precision	±1% or ±20rpm
Timing Range	1s-999min
Noise	≤65dB
Consumption	500W
Power Supply	AC110~220V, 50/60Hz
External Size(W*D*H)	540*410*330mm
Package Size(W*D*H)	780*600*650mm
Net Weight	36.5kg
Gross Weight	50.5kg

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.1	Swing Rotor Support	4*250ml	/	/	/
	Hanging Cup	4*250ml	/	/	/
	Adapter	4*1*100ml	4000	2379	/
		4*1*50ml		2379	/
		4*9*10ml		2379	/
	Tube Rack	4*4*50ml	4000	3500	/
		4*2*50ml(▲)		3023	/
		4*20*5ml		3139	/
		4*18*5ml blood collection tube(L106mm)		2808	72*2ml
		4*12*5ml blood collection tube(L75mm)		2808	/
		4*12*5ml blood collection tube(L100mm)		2808	48*2ml
		4*12*5ml blood collection tube(L106mm)		2808	48*2ml
		4*10*5ml blood collection tube(L106mm)		2808	40*2ml
No.2	Angle Rotor	12*10ml	5000	3440	12*5ml
No.3	Angle Rotor	18*10ml	5000	3516	18*5ml
No.4	Angle Rotor	24*10ml	5000	3516	24*5ml
No.5	Angle Rotor	8*15ml	5000	3300	/
No.6	Angle Rotor	12*15ml	5000	3438	/
No.7	Angle Rotor	12*20ml	5000	3360	/
No.8	Angle Rotor	4*50ml	5000	3400	/
No.9	Angle Rotor	6*50ml	5000	3281	/
No.10	Angle Rotor	4*100ml	4000	2100	/

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube. The swing rotor should select support+hanging cup+adapter or support+tube rack.

Table Top Low Speed Centrifuge



Introduction:

BKC-TL5M is a table top low-speed multi-rotor centrifuge, often used as an instrument for separating serum, plasma, precipitation of proteins, or detection of urinary sediment.

Features:

- * Embedded microprocessor control, push-button programming.
- * Can store and recall 20 sets of operating programs.
- * Support speed 1rpm and time 1s fine-tuning; power-down self-recovery.
- * Adjustable parameters during operation, convenient and quick.
- * 10 lifting rates to choose from, fast lifting speeds.
- * Equipped with program memory function, automatically retains the parameters from the last run and automatically restores the set parameters before shutdown.
- * Automatic door opening and alert when centrifugation is complete.
- * Multi-stage shock absorption, multiple protection for over-speed, imbalance and door cover.

Technical Parameters:

Model	BKC-TL5M
Max Speed	5000rpm
Max RCF	4390×g
Max Capacity	2000ml
Speed Precision	±20rpm
Timing Range	1s~999min
Noise	≤65dB
Consumption	550W
Power Supply	AC110~220V, 50/60Hz
External Size (W*D*H)	620*450*350mm
Package Size (W*D*H)	780*600*650mm
Net Weight	45kg
Gross Weight	60kg

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.1	Swing Rotor Support	4*500ml	/	/	/
	Hanging Cup	4*500ml	/	/	/
	Adapter	4*250ml	4000	3023	/
		4*2*100ml		3023	/
		4*100ml(▲)		3023	/
		4*100ml		3023	/
		4*3*50ml		3023	/
		4*2*50ml		3023	/
		4*50ml		2808	/
		4*4*30ml PP tube		2808	/
		4*9*15ml		2808	/
		4*8*15ml(▲)		2808	/
		4*8*15ml		2808	/
		4*12*10ml		3184	/
		4*12*5ml blood collection tube		2808	48*2ml
	Tube Rack	4*16*10ml	4000	2810	/
		4*20*7ml PP tube		3139	/
		4*24*5ml blood collection tube(106mm)		3032	96*2ml
		4*24*5ml blood collection tube(100mm)		3032	96*2ml
		4*20*5ml blood collection tube(106mm)		3050	80*2ml
		4*24*2ml blood collection tube		2585	/
		4*20*2ml blood collection tube(80mm)		3050	/
		4*25*1.5ml		2808	/
No.2	Swing Rotor Support	4*250ml	/	/	/
	Hanging Cup	4*250ml	/	/	/
	Adapter	4*1*100ml	4000	2379	/
		4*1*50ml		2379	/
	Tube Rack	4*9*10ml	4000	2379	/
		4*4*50ml		3500	/
		4*2*50ml(▲)		3023	/
		4*20*5ml		3139	/
		4*18*5ml blood collection tube(L106mm)		2808	72*2ml
		4*12*5ml blood collection tube(L75mm)		2808	/
		4*12*5ml blood collection tube(L100mm)		2808	48*2ml
		4*12*5ml blood collection tube(L106mm)		2808	48*2ml
		4*10*5ml blood collection tube(L106mm)		2808	40*2ml
No.3	Swing Rotor Support	SUS304 Support	/	/	/
	Hanging Basket	4*2*100ml	4000	3175	/
		4*1*100ml		3007	/
		4*2*50ml		3022	50ml(▲), 15ml(●)
		4*1*50ml		2846	15ml(▲), 10ml(▲), 10ml blood collection tube, 5ml blood collection tube, 2ml blood collection tube(L75)
		4*8*15ml		3030	/
		4*6*15ml		2705	/
		4*4*15ml		2705	/
		4*8*10ml		3030	/
		4*6*10ml		2705	/
		4*4*10ml		2705	/
No.4	Microplate Rotor	2*2*96well	4000	2300	/
No.5	Angle Rotor	12*10ml	5000	3440	12*5ml
No.6	Angle Rotor	18*10ml	5000	3516	18*5ml
No.7	Angle Rotor	24*10ml	5000	3516	24*5ml
No.8	Angle Rotor	6*15ml	5000	3300	/
No.9	Angle Rotor	12*15ml	5000	3438	/
No.10	Angle Rotor	12*20ml	5000	3360	/
No.11	Angle Rotor	4*50ml	5000	3400	/
No.12	Angle Rotor	6*50ml	5000	3281	/
No.13	Angle Rotor	4*100ml	4000	2100	/

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube. The swing rotor should select support+hanging cup+adapter or support+tube rack.

Table Top Low Speed Centrifuge



Introduction:

BKC-TL6M is a microcomputer-controlled table top low speed automatic balancing centrifuge with a steel body and a spray plastic finish. It is widely applicable in research laboratories and production units for radioimmunoassay, biochemistry, pharmaceuticals and other fields for the separation of particles with different densities.

Features:

- * Embedded microprocessor control, push-button programming.
- * The entire unit is constructed with a full steel structure, featuring a stainless steel centrifuge chamber.
- * Imbalance detection feature, electrically controlled door lock with automatic opening and closing, interlocked with the motor.
- * Adopting a bottom exhaust design, with an air outlet equipped with filter cotton for adsorption, to prevent biological cross-contamination.
- * 10 lifting rates to choose from, fast lifting speeds.
- * Capable of setting parameters such as centrifugal speed and time, viewing the centrifugal force at any time.

Technical Parameters:

Model	BKC-TL6M
Max Speed	6000rpm
Max RCF	3970×g
Max Capacity	2000ml
Speed Precision	±20rpm
Timing Range	1s~999min
Noise	≤65dB
Consumption	750W
Power Supply	AC110~220V, 50/60Hz
External Size(W*D*H)	590*460*370mm
Package Size(W*D*H)	770*600*640mm
Net Weight	55kg
Gross Weight	71.5kg

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.1	Swing Rotor Support	4*500ml	/	/	/
	Hanging Cup	4*500ml	/	/	/
	Adapter	4*250ml	4000	3023	/
		4*2*100ml		3023	/
		4*100ml(▲)		3023	/
		4*100ml		3023	/
		4*3*50ml		3023	/
		4*2*50ml		3023	/
		4*50ml		2808	/
		4*4*30ml PP tube		2808	/
		4*9*15ml		2808	/
		4*8*15ml(▲)		2808	/
		4*8*15ml		2808	/
		4*12*10ml		3184	/
		4*12*5ml blood collection tube		2808	48*2ml
	Tube Rack	4*16*10ml	4000	2810	/
		4*20*7ml PP tube		3139	/
		4*24*5ml blood collection tube(106mm)		3032	96*2ml
		4*24*5ml blood collection tube(100mm)		3032	96*2ml
		4*20*5ml blood collection tube(106mm)		3050	80*2ml
		4*24*2ml blood collection tube		2585	/
		4*20*2ml blood collection tube(80mm)		3050	/
		4*25*1.5ml		2808	/
		Swing Rotor Support		/	/
		Hanging Cup		/	/
No.2	Adapter	4*250ml	4000	/	/
		4*1*100ml		2379	/
		4*1*50ml		2379	/
		4*9*10ml		2379	/
	Tube Rack	4*4*50ml	4000	3500	/
		4*2*50ml(▲)		3023	/
		4*20*5ml		3139	/
		4*18*5ml blood collection tube(L106mm)		2808	72*2ml
		4*12*5ml blood collection tube(L75mm)		2808	/
		4*12*5ml blood collection tube(L100mm)		2808	48*2ml
		4*12*5ml blood collection tube(L106mm)		2808	48*2ml
		4*10*5ml blood collection tube(L106mm)		2808	40*2ml
No.3	Swing Rotor Support	SUS304 Support	/	/	/
	Hanging Basket	4*2*100ml	4000	3175	/
		4*1*100ml		3007	/
		4*2*50ml		3022	50ml(▲), 15ml(●)
		4*1*50ml		2846	/
		4*8*15ml		3030	15ml(▲), 10ml(▲), 10ml blood collection tube, 5ml blood collection tube, 2ml blood collection tube(L75)
		4*6*15ml		2705	/
		4*4*15ml		2705	/
		4*8*10ml		3030	/
		4*6*10ml		2705	/
		4*4*10ml		2705	/
No.4	Microplate Rotor	2*2*96well	4000	2300	/
No.5	Angle Rotor	12*10ml	5500	3438	12*5ml
No.6	Angle Rotor	18*10ml	5000	3516	18*5ml
No.7	Angle Rotor	24*10ml	5000	3516	24*5ml
No.8	Angle Rotor	8*15ml	5500	3970	/
No.9	Angle Rotor	12*15ml	5500	3438	/
No.10	Angle Rotor	12*20ml	5000	3360	/
No.11	Angle Rotor	4*50ml	5500	3970	/
No.12	Angle Rotor	6*50ml	5000	3281	/
No.13	Angle Rotor	4*100ml	4000	2100	/

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube. The swing rotor should select support+hanging cup+adapter or support+tube rack.

Low Speed Large Capacity Refrigerated Centrifuge



Introduction:

BKC-VL5RML has a variety of fixed angle rotors and swing rotors, suitable for blood stations, biochemistry, biological products and other production and scientific research units to use, is an ideal instrument for blood separation, protein precipitation, cell separation and collection.

Features:

- * Embedded microprocessor control, precise control of speed, time, temperature and relative centrifugal force.
- * The entire unit is constructed with a full steel structure, featuring a stainless steel centrifuge chamber.
- * Push-button programming design, real-time display of all operating parameters, intuitive and easy to operate.
- * With door cover protection, over-speed and advanced electronic unbalance detection system, the centrifuge process is monitored in real time to ensure the safe operation of the instrument.
- * Adopt imported fluorine-free compressor unit, R404a refrigerant.

Technical Parameters:

Model	BKC-VL5RML
Max Speed	5000rpm
Max RCF	5100×g
Max Capacity	4*800ml
Speed Precision	±20rpm
Timing Range	1s~999min
Noise	≤65dB
Consumption	2000W
Power Supply	AC110~220V, 50/60Hz
External Size(W*D*H)	550*680*820mm
Package Size(W*D*H)	860*650*1120mm
Net Weight	150kg
Gross Weight	155.5kg

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.1	Swing Rotor Support	4*500ml	/	/	/
	Hanging Cup	4*500ml	/	/	/
	Adapter	4*250ml	4000	3023	/
		4*2*100ml		3023	/
		4*100ml(▲)		3023	/
		4*100ml		3023	/
		4*3*50ml		3023	/
		4*2*50ml		3023	/
		4*50ml		2808	/
		4*4*30ml PP tube		2808	/
		4*9*15ml		2808	/
		4*8*15ml(▲)		2808	/
		4*8*15ml		2808	/
		4*12*10ml		3184	/
		4*12*5ml blood collection tube		2808	48*2ml

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.1	Tube Rack	4*16*10ml	4000	2810	/
		4*20*7ml PP tube		3139	/
		4*30*5ml blood collection tube(80mm)		3150	/
		4*30*5ml blood collection tube(106mm)		3150	120*2ml
		4*24*5ml blood collection tube(106mm)		3032	96*2ml
		4*24*5ml blood collection tube(100mm)		3032	96*2ml
		4*20*5ml blood collection tube(106mm)		3050	80*2ml
		4*24*2ml blood collection tube		2585	/
		4*20*2ml blood collection tube(80mm)		3050	/
		4*25*1.5ml		2808	/
No.2	Swing Rotor Support	4*750ml	/	/	/
	Hanging Cup	4*750ml	/	/	/
	Adapter	4*3*100ml	4000	3380	/
		4*2*100ml		3360	/
No.3	Swing Rotor Support	4*250ml	/	/	/
	Hanging Cup	4*250ml	/	/	/
	Adapter	4*1*100ml	4000	2379	/
		4*1*50ml		2379	/
		4*9*10ml		2379	/
	Tube Rack	4*4*50ml	4000	3500	/
		4*2*50ml(▲)		3023	/
		4*20*5ml		3139	/
		4*18*5ml blood collection tube(L106mm)		2808	72*2ml
		4*12*5ml blood collection tube(L75mm)		2808	/
		4*12*5ml blood collection tube(L100mm)		2808	48*2ml
		4*12*5ml blood collection tube(L106mm)		2808	48*2ml
		4*10*5ml blood collection tube(L106mm)		2808	40*2ml
No.4	Swing Rotor Support	SUS304 Support	/	/	/
	Hanging Basket	4*2*100ml	4000	3175	/
		4*1*100ml		3007	/

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.4	Hanging Basket	4*2*50ml	4000	3022	50ml(▲), 15ml(●)
		4*1*50ml		2848	
		4*8*15ml		3030	15ml(▲), 10ml(▲), 10ml blood collection tube, 5ml blood
		4*6*15ml		2705	collection tube, 2ml blood collection tube(L75)
		4*4*15ml		2705	
		4*8*10ml		3030	/
		4*6*10ml		2705	/
		4*4*10ml		2705	/
No.5	Microplate Rotor	2*2*96well	4000	2300	/
No.6	Auto Uncap Swing Rotor	4*12*5ml	4000	3580	/
		4*12*2ml		3580	/
		4*20*5ml		3580	/
		4*20*2ml		3580	/
		4*24*5ml		3580	/
		4*24*2ml		3580	/
No.7	Angle Rotor	12*10ml	5000	3440	12*5ml
No.8	Angle Rotor	18*10ml	5000	3516	18*5ml
No.9	Angle Rotor	24*10ml	5000	2200	24*5ml
No.10	Angle Rotor	8*15ml	5000	3300	/
No.11	Angle Rotor	12*15ml	5000	2200	/
No.12	Angle Rotor	12*20ml	5000	3360	/
No.13	Angle Rotor	4*50ml	5000	3400	/
No.14	Angle Rotor	6*50ml	5000	3400	/
No.15	Angle Rotor	4*100ml	4000	2800	/

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube. The swing rotor should select support+hanging cup+adapter or support+tube rack.

Table Top Low Speed Centrifuge

Features for BKC-TL4IV:

- * Maintenance-free brushless DC motor.
- * Microprocessor control, LED display.
- * Stainless steel chamber.
- * Rotor recognition system, Automatically electric lid lock, over speed, over temperature, and imbalance protection.



Features for BKC-TL5VII:

- * DC Brushless motor, special damping device make the motor run steady, free maintenance.
- * Display: microprocessor control, LED display of running parameters, conversion of RPM/RCF.
- * Function: automatically electric lid lock, over speed and imbalance protection, memory flashing function.
- * Alarm: over speed, rotor mounting abnormally.
- * External cold-rolled steel with powder coating, stainless steel centrifugal chamber.

Technical Parameters:

Model	BKC-TL4IV	BKC-TL5VII
Max. Capacity	6*50ml	
Max. Speed	4000rpm	5000rpm
Speed Precision	±30rpm	±30rpm
Max. RCF	2200×g	4020×g
Timing Range	0-60min	0-99min
Noise	≤58dB	
Consumption	200W	
Power Supply	AC220±22V 50/60Hz (Standard); AC110V 60Hz (Optional)	
External Size(W*D*H)mm	395*340*305	430*340*250
Package Size(W*D*H)mm	510*420*330	
Net Weight(kg)	17	
Gross Weight(kg)	20	

Rotor:

Model		BKC-TL4IV		
Rotor No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)
No.1	Angle Rotor	18*10ml	4000	2200
No.2		24*10ml		
No.3		12*10ml		
No.4		12*15ml(●)		
No.5		12*20ml		
No.6		6*50ml(▲/●)		
Model		BKC-TL5VII		
Rotor No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)
No.1	Angle Rotor	18*10/7ml	5000	4020
No.2		24*10/7ml		
No.3		12*10ml		
No.4		12*15ml(●)		
No.5		12*20ml		
No.6		6*50ml(▲/●)		

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

Table Top Low Speed Refrigerated Centrifuge



Features:

- * 5-inch high-definition touch screen, easily operated, visual display.
- * Automatically identify 4 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.
- * AC frequency conversion motor, high precision of rotary speed control. Freon-free compressor import from Europe.
- * Diverse protection setting: overspeed, door protection, imbalance protection, to ensure safety of both human and machine.
- * Free conversion between rotary speed and centrifugal force.

Technical Parameters:

Model	BKC-TL6RD
Max. Speed	5500rpm
Max. RCF	4390×g
Max. Capacity	4*500mL
Motor	AC frequency conversion motor
Speed Accuracy	±30r/min
Time Range	Centrifugal time: 1min~99 min50sec; Continuous centrifuge: Hold
Temperature Range	-20℃~+40℃
Temperature Accuracy	±1.0℃
Power Supply	AC220±22V 50/60Hz(Standard); AC110V 60Hz(Optional)
Noise	< 60dB(A)
External Size(L*D*H)mm	720*743*410
Package Size(L*D*H)mm	810*825*570
Net Weight(kg)	110
Gross Weight(kg)	120

Rotor:

No.	Rotor	Max. Speed(rpm)	Max. RCF(xg)	Max. Capacity	Dimension of Tube(mm)
NO.1	Angle Rotor	5500	4390	12*10ml	Φ16*87
	Swing Rotor	/	/	Support	/
NO.2	Tube Rack	4000	2810	4*100ml	Φ38*119
				4*2*100ml	Φ38*119
				4*4*10ml	Φ18*115
				4*6*10ml	Φ18*115
				4*8*10ml	Φ18*115
				4*15ml(▲/●)	Φ16*120
				4*6*15ml(▲/●)	Φ16*120
				4*8*15ml(▲/●)	Φ16*120
				4*50ml(▲/●)	Φ29*125
				4*2*50ml(▲/●)	Φ29*120
				4*250ml	Φ62*126
				4*8*5ml	/
NO.3	Adapter	4200	3500	4*8*7ml	/
				4*7*10ml	/
				4*6*15ml(▲/●)	/
				4*2*50ml(●)	/
				4*1*50ml(▲)	/
				4*100ml	/
NO.4	Adapter	4000	3040	4*500ml	Φ80*150
				4*15*5ml	/
				4*15*7ml	/
				4*12*10ml	/
				4*8*15ml(▲)	/
				4*4*50ml(▲/●)	/
				4*2*100ml	/
				4*250ml	/
				4*12*7.5ml	Φ13*110
				4*18*7.5ml	Φ13*110
NO.5	Swing Rotor	4200	3500	4*24*7.5ml	Φ13*110
NO.6	Swing Rotor	4000	3040	2*2*48well	Microplate
NO.7	Microplate Rotor	4000	2300	2*2*96well	Microplate
NO.8	Microplate Rotor	4200	2360	4*2*96well	Microplate
NO.9	Microplate Rotor	4000	2670	4*2*96well	Microplate

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

Low Speed Large Capacity Refrigerated Centrifuge

Features:

- * Programmable microprocessor control (AC brushless motor).
- * LCD & LED 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 and 40 kinds of self-defining modes.
- * Electronic lock lid and interlock safety 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.

Technical Parameters:

Model	BKC-TL5RL	BKC-VL6RLII
Max. Capacity	4*750ml	6*1000ml
Max. Speed	5500rpm	6000rpm
Max. RCF	4390xg	6680xg
Speed Precision	±30rpm	±20rpm
Temp. Range	-20~40°C	
Temp. Accuracy	±1°C	
Timing Range	0~99h59min59s	0~59h59min59s
Noise	≤60dB	≤58dB
Consumption	1.2KW	3KW
Power Supply	AC220±22V 50/60Hz (Standard); AC110V 60Hz (Optional)	
External Size(W*D*H) mm	720*743*410	720*830*1250
Packing Size(W*D*H) mm	810*825*570	970*850*1440
Net Weight(kg)	110	268
Gross Weight(kg)	120	350



BKC-VL6RLII



BKC-TL5RL

Rotor for BKC-VL6RLII:

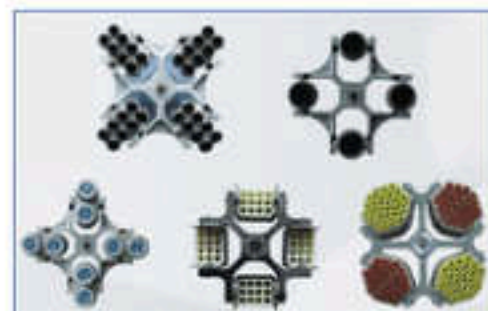
No.	Rotor	Max.Speed(rpm)	Max.RCF(xg)	Max. Capacity	Dimension of Bottle(mm)
No.1	Angle Rotor	6000	5850	6*300ml	Φ63*157
No.2	Angle Rotor	6000	6680	6*500ml	Φ74*168
No.3	Swing Rotor (round cup)	4200	5100	6*1000ml	Φ100*175
No.4	Swing Rotor (square cup)	4200	5100	6*1000ml	/

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

Rotor for BKC-TL5RL:

No.	Rotor	Max. Speed(rpm)	Max. RCF(xg)	Max. Capacity	Dimension of Tube(mm)
NO.1	Angle Rotor	5500	4390	12*10ml	Φ16*83
NO.2	Angle Rotor	5500	4390	12*15ml	Φ17*121
NO.3	Tube Rack	4000	2810	Support	/
				4*100ml	Φ38*119
				4*2*100ml	Φ38*119
				4*4*10ml	Φ16*115
				4*6*10ml	Φ16*115
				4*8*10ml	Φ16*115
				4*4*15ml(▲/●)	Φ16*120
				4*6*15ml(▲/●)	Φ16*120
				4*8*15ml(▲/●)	Φ16*120
NO.4	Adapter	4200	3500	4*50ml(▲/●)	Φ29*125
				4*2*50ml(▲/●)	Φ29*125
				4*250ml	Φ62*125
				4*8*5ml	/
				4*8*7ml	/
				4*7*10ml	/
				4*5*15ml	/
				4*2*50ml(●)	/
				4*1*50ml(▲)	/
NO.5	Adapter	4000	3040	4*100ml	/
				4*500ml	Φ80*150
				4*15*5ml	/
				4*15*7ml	/
				4*12*10ml	/
				4*8*15ml(▲)	/
				4*4*50ml(▲/●)	/
				4*2*100ml	/
				4*250ml	/
NO.6	Swing Rotor	4000	3180	4*750ml	Φ99*130
NO.7	Swing Rotor	4200	3500	4*12*7/5ml	Φ13*110/90
NO.8	Swing Rotor	4200	3500	4*18*7/5ml	Φ13*110/90
NO.9	Swing Rotor	4000	3040	4*24*7/5ml	Φ13*110/90
NO.10	Microplate Rotor	4000	2000	2*2*48well	Microplate
NO.11	Microplate Rotor	4200	2360	2*2*96well	Microplate

Table Top Low Speed Large Capacity Centrifuge



Features:

- * 5-inch high-definition touch screen, easily operated, visual display.
- * Automatically identify 4 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 20 series of procedure for users to adjust.
- * AC frequency conversion motor, high precision of rotary speed control.
- * Diverse protection setting: overspeed, door protection, imbalance protection, to ensure safety of both human and machine.
- * Free conversion between rotary speed and centrifugal force.

Technical Parameters:

Model	BKC-TL5LII
Max. Speed	5500rpm
Max. RCF	4390×g
Max. Capacity	4*750mL
Motor	AC frequency conversion motor
Speed Accuracy	±20r/min
Time Range	Centrifugal time: 1min~99 min59sec Continuous centrifuge: Hold
Power Supply	AC220±22V 50/60Hz (Standard); AC110V 60Hz (Optional)
Noise	< 65dB(A)
External Size(W*D*H) mm	458*620*380
Packing Size(W*D*H) mm	800*520*570
Net Weight(kg)	55
Gross Weight(kg)	70

Rotor:

No.	Rotor	Max. Speed(rpm)	Max. RCF(xg)	Max. Capacity	Dimension of Tube(mm)
NO.1	Angle Rotor	5500	4390	12*10ml	Φ16*83
NO.2	Angle Rotor	5500	4390	12*15ml	Φ17*121
NO.3	Swing Rotor	/	/	Support	/
	Tube Rack	4000	2810	4*100ml	Φ38*119
				4*2*100ml	Φ38*119
				4*4*10ml	Φ16*115
				4*6*10ml	Φ16*115
				4*8*10ml	Φ16*115
				4*4*15ml(▲/●)	Φ16*120
				4*6*15ml(▲/●)	Φ16*120
				4*8*15ml(▲/●)	Φ16*120
		5000	4390	4*50ml(▲/●)	Φ29*125
		4000	2180	4*2*50ml(▲/●)	Φ29*125
NO.4	Swing Rotor	4200	3500	4*250ml	Φ62*126
	Adapter	4200	3500	4*8*5ml	/
				4*8*7ml	/
				4*7*10ml	/
				4*6*15ml	/
				4*2*50ml(●)	/
				4*1*50ml(▲)	/
				4*100ml	/
NO.5	Swing Rotor	4000	3040	4*500ml	Φ80*150
	Adapter	4000	3040	4*15*5ml	/
				4*15*7ml	/
				4*12*10ml	/
				4*8*15ml(▲)	/
				4*4*50ml(▲/●)	/
				4*2*100ml	/
				4*250ml	/
NO.6	Swing Rotor	4000	3180	4*750ml	Φ99*137
NO.7	Swing Rotor	4200	3500	4*12*7/5ml	Φ13*100/90
NO.8	Swing Rotor	4000	3040	4*24*7/5ml	Φ13*100/90
NO.9	Microplate Rotor	4000	2000	2*2*48well	Microplate
NO.10	Microplate Rotor	4200	2360	2*2*96well	Microplate

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

Table Top Low Speed Centrifuge

Features:

- * Microcomputer control, large screen color LCD, full touch screen operation interface
- * Brushless AC variable frequency motor drive
- * Double door cover lock system, ensure running safety
- * Provide 20 kinds of working program storage, easy to use and improve work efficiency
- * Provide 15 kinds of acceleration/deceleration
- * It has two timing functions: setting and jog
- * Differential centrifugation: five differential centrifugation procedures are reserved
- * Double layer steel structure, spray anti-corrosion coating surface of centrifugal chamber
- * Automatic balance and unbalance protection
- * Soft braking function, it can effectively prevent sample resuspension and protect sensitive samples
- * Countdown function: the countdown in seconds, real-time display of remaining working time
- * The centrifuge can customize 485 communication interface function and operate through remote control
- * Sunken exhaust passage, it can prevent aerosol pollution during centrifugation



Technical Parameters:

Model	BKC-TL5VI	BKC-TL6III	BKC-TL6IV
Max. Capacity	4*750ml	8*100ml	4*500ml
Max. Speed	6000rpm		
Max. RCF	5502xg		
Speed Precision	±10rpm		
Timing Range	1s~99h59min59s/jog		
Noise	≤62dB	≤60dB	≤60dB
Power Supply	AC220V, 50/60Hz(standard); AC110V, 50/60Hz(optional); External transformer		
External Size(W*D*H)mm	640*515*450	540*425*400	610*485*400
Package Size(WD*H)mm	760*645*630	620*555*550	750*645*630
Gross Weight(kg)	86	48	62

Rotor for BKC-TL5VI:

Rotor No.	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)
No.1 Swing Rotor	4*750ml	4200	3727
Adapter	4*500ml		
Adapter	4*250ml(coming tube)		
Adapter	4*250ml		
Adapter	12*100ml		
Adapter	20*50ml(▲)	4200	3727
Adapter	56*10/15ml(▲)		
Adapter	76*10ml vacuum blood tube		
Adapter	96*3/5/7ml vacuum blood tube		
Adapter	148*5ml(RIA tube)		
Adapter	28*50ml(●)		
No.2 Uncapped Swing Rotor	96*3/5ml vacuum blood tube	4200	3727
Uncapped Adapter	96*3/5ml vacuum blood tube		
No.3 Anti-pollution Swing Rotor	4*750ml	4200	3727
No.4 Swing Rotor	16*100ml 16*50ml 64*10/15ml	4200	3727
No.5 Swing Rotor	148*5ml vacuum blood tube	4200	3451
No.6 Angle Rotor	6*50ml	6000	5502
No.7 Microplate Rotor [DWP/MTP]	2*96-well/2*2*96-well	5000	3530
No.8 Microplate Rotor [DWP/MTP]	4*96-well/2*4*96-well	4000	3667

Rotor for BKC-TL6III:

Rotor No.	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)
No.1 Swing Rotor	4*100ml	5000	4500
Adapter	4*100ml		
Adapter	4*50ml	5000	4500
Adapter	12*15ml(▲)		
Adapter	16*5/10ml		
No.2 Swing Rotor	4*100ml	4500	3645
Adapter	4*100ml		
Adapter	8*50ml	4500	3645
Adapter	24*10/15ml(▲/urine sediment tube)		
No.3 Swing Rotor	8*100ml	4200	3175
Adapter	8*100ml		
Adapter	8*50ml	4200	3175
Adapter	32*10/15ml		
No.6 Swing Rotor	40*5/7ml vacuum blood tube	4500	3645
Adapter 1	40*5/7ml vacuum blood tube	4500	3645
Adapter 2	24*10/15ml(▲/urine sediment tube)		
No.4 Swing Rotor	32*5ml	4500	3645
Adapter 1	32*5/7ml vacuum blood tube	4500	3645
No.5 Uncapped Swing Rotor	32*5ml vacuum blood tube	4500	3645
Uncapped Adapter	32*5ml vacuum blood tube	4500	3645
No.7 Swing Rotor	48*5/7ml vacuum blood tube	4500	3645
Adapter	48*5/7ml vacuum blood tube		
No.8 Uncapped Swing Rotor	48*5ml vacuum blood tube	4500	3645
Uncapped Adapter	48*5ml vacuum blood tube		
No.9 Angle Rotor	12*5/10ml	6000	5502
No.10 Angle Rotor	6*50ml	6000	5502
No.11 Microplate Rotor [DWP/MTP]	2*96-well/2*2*96-well	5000	3530

Rotor for BKC-TL6IV:

Rotor No.	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)
No.1 Swing Rotor	4*300ml(round cup)	4500	3894
Adapter	4*250ml		
Adapter	4*100ml	4500	3894
Adapter	12*50ml		
Adapter	40*10ml vacuum blood tube		
Adapter	28*15ml(▲)		
Adapter	56*3/5ml vacuum blood tube		
Adapter	76*5ml(RIA tube)		
No.2 Swing Rotor	4*500ml(round cup)	4200	3451
Adapter	4*250ml		
Adapter	8*100ml		
Adapter	16*50ml		
Adapter	56*10ml(●)	4200	3451
Adapter	40*15ml(▲)		
Adapter	68*3/5/7ml vacuum blood tube		
Adapter	96*5ml(RIA tube)		
No.3 Uncapped Swing Rotor	68*3/5ml vacuum blood tube		
Uncapped Adapter	68*3/5ml vacuum blood tube		
No.4 Angle Rotor	6*50ml	6000	5502
No.5 Angle Rotor	12*5/10ml	6000	5502
No.6 Microplate Rotor [DWP/MTP]	2*96-well/2*2*96-well	5000	3530

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube

Table Top Low Speed Refrigerated Centrifuge

Features:

- Microcomputer control, large screen color LCD, full touch screen operation interface
- Brushless AC variable frequency motor drive
- Double door cover lock system, ensure running safety
- Provide 20 kinds of working program storage, easy to use and improve work efficiency
- Provide 15 kinds of acceleration/deceleration
- It has two timing functions: setting and jog
- Differential centrifugation: five differential centrifugation procedures are reserved
- Double layer steel structure, spray anti-corrosion coating surface of centrifugal chamber
- Automatic balance and unbalance protection
- Soft braking function, it can effectively prevent sample resuspension and protect sensitive samples
- Countdown function: the countdown in seconds, real-time display of remaining working time
- The centrifuge can customize 485 communication interface function and operate through remote control
- Condensate drainage holes are provided in the centrifugal chamber
- Pre-cooling function: In standby mode, the centrifuge can continuously cool to the set temperature
- Automatic standby function: When the temperature drops to the set temperature, the compressor automatically stands by
- Quick cooling function: When the temperature drops from 21°C to 4°C, the biological zero point, the cooling time is less than 5 minutes
- The rotor can withstand high temperature and pressure sterilization at 121°C for more than 2 hours, airtight angle rotor, high biological safety
- Automatic magnetic rotor recognition
- Famous brand compressor, fluorine-free refrigeration technology



Technical Parameters:

Model	BKC-TL5RII
Max. Speed	6000rpm
Max. RCF	5502xg
Max. Capacity	4*300ml
Speed Precision	±10rpm
Noise	≤60dB
Timing Range	1s~99h59min59s/jog
Temperature Range	-20~40°C
Temperature Accuracy	±1°C
Power Supply	AC220V, 50/60Hz(standard); AC110V, 50/60Hz(optional); External transformer
External Size(W*D*H)mm	570*615*504
Package Size(W*D*H)mm	775*690*660
Net Weight(kg)	95
Gross Weight(kg)	120

Rotor:

Rotor No.	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)
No.1 Swing Rotor	4*300ml(Round Cup)	4500	3645
Adapter1	4*250ml	4500	3645
Adapter2	4*100ml		
Adapter3	12*50ml		
Adapter4	40*10ml(●)		
Adapter5	20*15ml(▲)		
Adapter6	56*5ml vacuum blood tube		
No.2 Swing Rotor	4*100ml	4500	3645
Adapter	4*100ml	4500	3645
Adapter	8*50ml		
Adapter	24*10/15ml(▲/urine sediment tube)	4500	3645
No.3 Angle Rotor	6*50ml	6000	5502
No.4 Microplate Rotor [DWP/MTP]	2*96-well/2*2*96-well	5000	3530

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube

Low Speed Refrigerated Centrifuge

Features:

- Microcomputer control, large screen color LCD, full touch screen operation interface
- Brushless AC variable frequency motor drive
- Double door cover lock system, ensure running safety
- Provide 20 kinds of working program storage, easy to use and improve work efficiency
- Provide 15 kinds of acceleration/deceleration
- It has two timing functions: setting and jog
- Differential centrifugation: five differential centrifugation procedures are reserved
- Double layer steel structure, spray anti-corrosion coating surface of centrifugal chamber
- Automatic balance and unbalance protection
- Soft braking function, it can effectively prevent sample resuspension and protect sensitive samples
- Countdown function: the countdown in seconds, real-time display of remaining working time
- The centrifuge can customize 485 communication interface function and operate through remote control
- Condensate drainage holes are provided in the centrifugal chamber
- Pre-cooling function: In standby mode, the centrifuge can continuously cool to the set temperature
- Automatic standby function: When the temperature drops to the set temperature, the compressor automatically stands by
- Quick cooling function: When the temperature drops from 21°C to 4°C, the biological zero point, the cooling time is less than 5 minutes
- The rotor can withstand high temperature and pressure sterilization at 121°C for more than 2 hours, airtight angle rotor, high biological safety
- Automatic magnetic rotor recognition
- Famous brand compressor, fluorine-free refrigeration technology



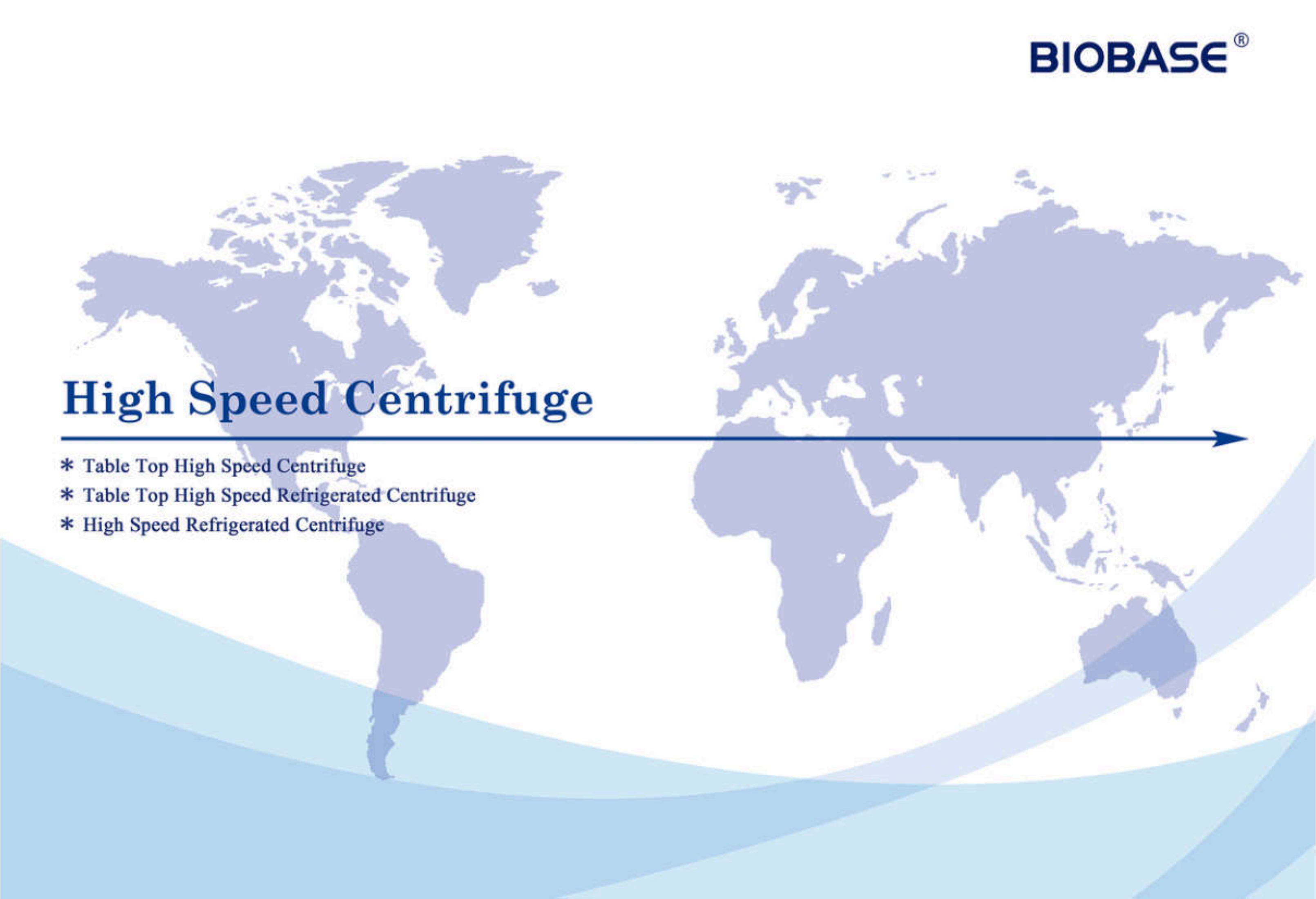
Technical Parameters:

Model	BKC-TL5RIII
Max. Speed	6000rpm
Max. RCF	5502xg
Max. Capacity	4*750ml
Speed Precision	±10rpm
Noise	≤62dB
Timing Range	1s~99h59min59s/jog
Temperature Range	-20~40°C
Temperature Accuracy	±1°C
Power Supply	AC220V, 50/60Hz(standard); AC110V, 50/60Hz(optional); External transformer
External Size(W*D*H)mm	750*590*660
Package Size(W*D*H)mm	830*700*1060
Net Weight(kg)	120
Gross Weight(kg)	165

Rotor:

Rotor No.	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)
No.1 Swing Rotor	4*750ml	4200	3727
Adapter	4*500ml	4200	3727
Adapter	4*250ml(corning tube)		
Adapter	4*250ml		
Adapter	12*100ml		
Adapter	20*50ml(▲)		
Adapter	56*15ml(▲)		
Adapter	76*15ml		
Adapter	96*3/5/7ml vacuum blood tube		
Adapter	148*5ml(RIA tube)	4200	3727
Adapter	28*50ml(●)		
No.2 Uncapped Swing Rotor	96*3/5ml vacuum blood tube	4200	3727
Uncapped Adapter	96*3/5ml vacuum blood tube	4200	3727
No.3 Anti-pollution Swing Rotor	4*750ml		
No.4 Swing Rotor	148*5ml vacuum blood tube	4200	3727
No.5 Angle Rotor	6*50ml	6000	5502
No.6 Microplate Rotor [DWP/MTP]	2*96-well/2*2*96-well	5000	3530
No.7 Microplate Rotor [DWP/MTP]	4*96-well/2*4*96-well	4000	3667

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube



High Speed Centrifuge

- * Table Top High Speed Centrifuge
- * Table Top High Speed Refrigerated Centrifuge
- * High Speed Refrigerated Centrifuge

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:10, deceleration levels:10.
- * 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.

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-TH16MB 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:

- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, stable operation.
- * Button-type programming design, LED display, can set parameters such as speed and time.
- * 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.
- * Real-time detection of door lock and motor status, safe and reliable operation.
- * The whole machine adopts all-steel structure, plastic-sprayed shell, safe and beautiful.
- * Small size and space saving.
- * Various angle rotors and adapters are available for 0.2ml-2ml centrifuge tubes.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TH16MB
Max. Capacity	12*2ml
Max. Speed	16000rpm
Max. RCF	18032×g
Timing Range	1s-99min
Speed Precision	±30rpm
Noise	≤65dB
Consumption	150W
Power Supply	AC220V or 110V, 50/60Hz
External Size(L*W*H) mm	270*335*236
Package Size(L*W*H) mm	386*456*381
Net Weight(kg)	18
Gross Weight(kg)	21



12*1.5/2ml



2*8*0.2ml



4*8*0.2ml

Rotor:

NO.	Rotor Type	Volume	Max Speed(r/min)	Max RCF(×g)	Adapters
16M0001	Angle Rotor	12*1.5/2ml	16000	18032	0.2ml, 0.5ml
16M0002		2*8*0.2ml pcr	15000	15093	/
16M0003		4*8*0.2ml pcr	13000	14171	/

Table Top High Speed Centrifuge



Features:

- * Whole metal structure and multi-layer explosion-proof, safe, durable, to ensure the safety of operators.
- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, stable operation.
- * The 5-inch LCD touch screen, supporting switching between Chinese and English and other languages can be customized.
- * All parameters are displayed real-time. The operation interface is intuitive and simple.
- * Electromechanical integration door lock, safe and reliable.
- * Integral food-grade silicone sealing ring is used to avoid aerosol overflow and ensure the safety of operator.
- * With self-test, blocking, overspeed, overtemperature and other alarm functions, excellent shock-absorb, the motor runs smoothly.
- * Multiple groups of user-defined programs, easy to use common programs, boot for the last program.
- * Equipped with a variety of angle rotors (aviation forged aluminum) and varieties of adapters, suitable for 0.2ml-100ml centrifugal tube, according to actual needs, to achieve a multi-purpose machine.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TH16C
Max. Speed	16000r/min
Speed Accuracy	±20 rpm
Max. RCF	21695×g
Max. Volume	4*100ml
Power supply	Standard: AC220V, 50/60Hz Optional: AC110V, 50/60Hz
Timing Range	1s~99h59min, Continuous/Short-span
Noise	≤65dB
External Size(L*W*H)	340*500*340mm
Package Size(L*W*H)	566*576*432mm
Net Weight	29kg
Gross Weight	37kg(220V), 42kg(110V)



Rotor:

NO.	Rotor 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	2/3/4/5/7ml blood collection tube, 5ml/ 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		36*1.5/2ml	13000	19159	0.2ml, 0.5ml
16M00091		48*1.5/2ml	13000	19159	0.2ml, 0.5ml
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	/
16M0009		10*5ml	14000	15339	1.5/2ml
16M00010		8*15ml(▲)	12000	15294	5ml(▲)
16M00011		8*15ml(●)	12000	15294	/
16M0017		10*15ml	11000	13798	/
16M00012		6*50ml(▲)	11000	13798	15ml(▲), 50ml(●)
16M00013		6*50ml (Round/Flat)	11000		/
16M0062-1	Swing Rotor	8*10ml	4000	2522	2/3/4ml blood collection tube, 5/7ml blood collection tube, 10ml(▲)
16M0020	Rotor	24 Capillaries	12000	14170	/
16M0066		4*100ml	4000	2379	2/3/4ml blood collection tube, 5/7ml blood collection tube

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

Table Top High Speed Refrigerated Centrifuge



Features:

- * Whole metal structure and multi-layer explosion-proof, safe, durable, to ensure the safety of operators.
- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, stable operation.
- * 5-inch LCD touch screen, supporting switching between Chinese and English and other languages can be customized.
- * Real-time display of all parameters, the operation interface is intuitive and simple.
- * Electromechanical integration door lock, safe and reliable.
- * Integral food-grade silicone sealing ring is used to avoid aerosol overflow and ensure the safety of operator.
- * Adopts CFC-free compressor unit and environmentally friendly refrigerant R404a, with a wide temperature range: -20°C~40 °C, temperature adjustable during running. With refrigeration function, quickly lower the temperature the setting temperature. With standby cooling function, the set temperature can be maintained in standby state.
- * With self-test, blocking, overspeed, overtemperature and other alarm functions, excellent shock-absorb, the motor runs smoothly.
- * Multiple groups of user-defined programs, easy to use common programs, boot for the last program.
- * Equipped with a variety of angle rotors (aviation forged aluminum) and varieties of adapters, suitable for 0.1ml~10ml centrifugal tube(BKC-TH16RB) and 0.1ml~100ml centrifugal tube(BKC-TH16RC-I), according to actual needs, to achieve a multi-purpose machine.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TH16RC-I	BKC-TH16RB
Max. Speed	16000rpm	
Speed Accuracy	±20 rpm	
Max. Speed	21695×g	
Max. Volume	4*100ml	12*10ml
Refrigeration System	CFC-free compressor, R404a	
Timing Range	1s~99h59min/Continuous/Short-span	
Temp. Range	-20°C~+40°C	
Temp. Accuracy	±1°C	
Noise	≤65dB	
Power Supply	Standard: AC220V, 50/60Hz Optional: AC110V, 50/60Hz	
External Size(L*W*H)	606*572*361mm	
Package Size(L*W*H)	700*670*670mm	
Net Weight	62kg	
Gross Weight	70kg(220V), 75kg(110V)	



Rotors for BKC-TH16RC-I:

NO.	Type	Volume	Max Speed(rpm)	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	1.5ml, 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		36*1.5/2ml	13000	19159	0.2ml, 0.5ml
16M0091		48*1.5/2ml	13000	19159	0.2ml, 0.5ml
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 per	13000	11941	/
16M0009		10*5ml	14000	15339	1.5/2ml
16M0010		8*15ml(▲)	12000	15294	5ml(▲)
16M0011		8*15ml(●)	12000	15294	/
16M0017		10*15ml	11000	12581	/
16M0012		6*50ml(▲)	11000	13798	15ml(▲), 50ml(●)
16M0013		6*50ml(●Flat)	11000	13798	/
16M0062	Swing Rotor	8*10/15ml	4000	2522	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
16M0063		12*10/15ml	4000	2683	/
16M0064		4*50ml	4000	2522	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml
16M0065		6*50ml	4000	2504	/
16M0066		4*100ml	4000	2379	2/3/4ml blood collection tube, 5/7ml blood collection tube
16M0020		24 Capillaries	12000	14170	/

Rotors for BKC-TH16RB:

NO.	Rotors Type	Volume	Max. Speed(rpm)	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	13000	11941	/
16M0020		24 Capillaries	12000	14170	/
16M0062	Swing Rotor	8*10/15ml	4000	2522	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
16M0063		12*10/15ml	4000	2683	/

Table Top High Speed Refrigerated Centrifuge



Features:

- * Whole metal structure and multi-layer explosion-proof, safe, durable, to ensure the safety of operators.
- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, stable operation.
- * 5-inch LCD touch screen, supporting switching between Chinese and English and other languages can be customized.
- * Real-time display of all parameters, the operation interface is intuitive and simple.
- * Electromechanical integration door lock, safe and reliable.
- * Integral food-grade silicone sealing ring is used to avoid aerosol overflow and ensure the safety of operator.
- * Adopts CFC-free compressor unit and environmentally friendly refrigerant R404a, with a wide temperature range: -20℃~40℃, temperature adjustable during running. With refrigeration function, quickly lower the temperature the setting temperature. With standby cooling function, the set temperature can be maintained in standby state.
- * With self-test, blocking, overspeed, overtemperature and other alarm functions, excellent shock-absorb, the motor runs smoothly.
- * 100 groups of user-defined programs, easy to use common programs, boot for the last program.
- * Provide 20 kinds of acceleration/deceleration.
- * Equipped with a variety of angle rotors (aviation forged aluminum) and varieties of adapters, suitable for 0.1ml~10ml centrifugal tube(BKC-TH18RB) and 0.1ml~100ml centrifugal tube(BKC-TH18RC), according to actual needs, to achieve a multi-purpose machine.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TH18RC	BKC-TH18RB
Max. Speed	18500rpm	
Speed Accuracy	±20 rpm	
Max. Speed	26785×g	
Max. Volume	4*100ml	12*10ml
Refrigeration System	CFC-free compressor, R404a	
Timing Range	1s~99h59min/Continuous/Short-span	
Temp. Range	-20℃~+40℃	
Temp. Accuracy	±1℃	
Noise	≤65dB	
Power Supply	Standard: AC220V, 50/60Hz Optional: AC110V, 50/60Hz	
External Size(L*W*H)	606*572*361mm	
Package Size(L*W*H)	700*670*685mm	
Net Weight	61.5kg	
Gross Weight	70kg(220V), 75kg(110V)	



Rotors for BKC-TH18RC:

NO.	Type	Volume	Max Speed(rpm)	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	18500	24106	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		36*1.5/2ml	13000	19159	0.2ml, 0.5ml
16M0091		48*1.5/2ml	13000	19159	0.2ml, 0.5ml
16M0085		40*0.2ml	16500	23072	/
16M0086		24*0.5ml	18500	26785	/
16M0087		30*0.5ml	13000	15210	/
16M0088		40*0.5ml	13000	15267	/
16M0089		4*8*0.2ml per	13000	11941	/
16M0009		10*5ml	14000	15339	1.5/2ml
16M0010		8*15ml(▲)	12000	15294	5ml(▲)
16M0011		8*15ml(●)	12000	15294	/
16M0017		10*15ml	11000	12581	/
16M0012		6*50ml(▲)	11000	13798	15ml(▲), 50ml(●)
16M0013		6*50ml(●/Flat)	11000	13798	/
16M0062	Swing Rotor	8*10/15ml	4000	2522	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
16M0063		12*10/15ml	4000	2683	/
16M0064		4*50ml	4000	2522	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml
16M0065		6*50ml	4000	2504	/
16M0066		4*100ml	4000	2379	2/3/4ml blood collection tube, 5/7ml blood collection tube
16M0020		24 Capillaries	12000	14170	/

Rotors for BKC-TH18RB:

NO.	Rotors Type	Volume	Max. Speed(rpm)	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	18500	24106	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	16500	23072	/
16M0086		24*0.5ml	18500	26785	/
16M0087		30*0.5ml	13000	15210	/
16M0088		40*0.5ml	13000	15267	/
16M0089		4*8*0.2ml	13000	11941	/
16M0020		24 Capillaries	12000	14170	/
16M0062	Swing Rotor	8*10/15ml	4000	2522	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
16M0063		12*10/15ml	4000	2683	/

Table Top High Speed Refrigerated Centrifuge



Features:

- * Whole metal structure and multi-layer explosion-proof, safe, durable, to ensure the safety of operators.
- * Rotors are made of high-strength aluminum alloy and can be disinfected at high temperature and pressure.
- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, good shock-absorbing, stable operation.
- * 5-inch LCD screen, real-time display of all parameters, the operation interface is intuitive and simple.
- * Electromechanical integration door lock, safe and reliable.
- * Integral food-grade silicone sealing ring is used to avoid aerosol overflow and ensure the safety of operator.
- * Adopts CFC-free compressor unit and environmentally friendly refrigerant R404a, with a wide temperature range: -20°C~40°C, temperature adjustable during running. With refrigeration function, quickly lower the temperature the setting temperature. With standby cooling function, the set temperature can be maintained in standby state.
- * With self-test, blocking, overspeed, overtemperature and other alarm functions, excellent shock-absorb, the motor runs smoothly.
- * Multiple groups of user-defined programs, easy to use common programs, boot for the last program.
- * Equipped with a variety of angle rotors and adapters, suitable for 0.1ml~500ml centrifugal tube, according to actual needs, to achieve a multi-purpose machine.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TH21RS
Max. Speed	21000rpm
Speed Accuracy	±20 rpm
Max. RCF	31308×g
Max. Volume	4*500ml
Refrigeration System	CFC-free compressor, R404a
Timing Range	1s~99min59s/Continuous/Short-span
Temp. Range	-20°C~+40°C
Temp. Accuracy	±1°C
Noise	≤65dB
Power Supply	Standard: AC220V, 50/60Hz Optional: AC110V, 50/60Hz
Rated Power	1200W
External Size(L*W*H)	785*670*445mm
Package Size(L*W*H)	815*915*850mm
Net Weight	105kg
Gross Weight	170kg(220V), 180kg(110V)

Rotors:

NO.	Type	Volume	Max. Speed(rpm)	Max RCF(×g)	Adapters
21M0001	Angle Rotor	12*1.5/2ml	21000	31308	0.2ml, 0.5ml
21M0002		18*1.5/2ml	18000	27167	
21M0003		24*1.5/2ml	16000	25759	
21M0004		36*1.5/2ml	13500	19159	
21M0005		48*1.5/2ml	13000	20122	
21M0006		40*0.2ml	15000	21695	/
21M0007		24*0.5ml	18000	20035	/
21M0008		30*0.5ml	18000	15210	/
21M0009		40*0.5ml	15000	15267	/
21M0010		10*5ml	16000	20035	1.5/2ml
21M0011		8*7ml	16000	21468	/
21M0012		12*10/15ml(Low speed)	6000	4387	2/3/4/5/7ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
21M0013		12*10ml	16000	25473	1.5/2ml, 5ml
21M0014		8*15ml(▲/●)	12000	15294	15ml(▲)→5ml(▲)
21M0015		6*50ml(▲/●/flat bottom)	14000	22351	●→▲, ▲→●, 50ml(▲)→15ml(▲), 5ml Freezing tube
21M0016		6*50ml(Low speed)	6000	3904	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml
21M0049		8*50ml	12000	15557	/
21M0017		4*100ml(▲/●)	12000	17700	/
21M0018		6*100ml(▲/●)	10000	13975	/
21M0019		4*8*0.2ml pcr	13000	11941	/
21M0020	Swing Rotor	48*2/3/4/5/7ml blood collection tube	4000	2952	2/3/4ml blood collection tube
21M0021		48*5/7ml blood collection tube		2952	/
21M0022		72*2/3/4/5/7ml blood collection tube		2808	/
21M0023		96*2/3/4/5/7ml blood collection tube		3104	/
21M0025		16*10/15ml		2957	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
21M0026		24*10/15ml	4000	2957	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml
21M0027		32*10/15ml		2952	
21M0028		36*10ml		2862	
21M0030		4*50ml		5597	
21M0031		8*50ml		2952	
21M0032		4*100ml	5500	5817	16*2/3/4ml blood collection tube, 16*5/7ml blood collection tube
21M0033		8*100ml	4000	3077	32*2/3/4ml blood collection tube, 32*5/7ml blood collection tube
21M0034-1		4*250ml(biosafety)		3578	48*1.5/2ml, 40*2/3/4/5/7ml blood collection tube, 48*2/3/4/5/7ml blood collection tube, 24*10ml(▲), 28*10ml, 20*15ml, 4*50ml(▲), 8*50ml(●), 4*100ml
21M0034		4*250ml(flat bottom)		2780	48*2/3/4/5/7ml blood collection tube, 64*2/3/4/5/7ml blood collection tube, 36*10ml(●), 36*15ml(●), 36*15ml(▲), 12*50ml(●), 12*50ml(▲), 16*50ml(●), 16*50ml(▲), 48*15ml(▲), 4*250ml, 32*15ml(▲), 48*10ml(●)
21M0035		4*300ml		3220	
21M0036		4*500ml(flat bottom)		3130	
21M0036-1		4*500ml(biosafety)		3399	
21M0037		4*250ml(▲)	Auto uncapp	3578	/
21M0038		2*2*96 well		2361	/
21M0039		48*2/3/4/5/7ml blood collection tube(Auto uncapp)		3220	/
21M0040	Swing Rotor	4*10ml conventional syringe	4300	3401	/
21M0041		4*20ml conventional syringe	4000	3649	/
21M0048		4*50ml conventional syringe		3309	/
21M0042	Angle Rotor	12*20ml	5000	3516	15ml, 10ml, 5ml, 1.5/2ml
21M0043		12*15ml		3354	1.5/2ml, 2/3/4ml blood collection tube
21M0045		24*10ml		3354	1.5/2ml, 2/3/4ml blood collection tube
21M0046		18*10ml		3354	
21M0047		12*10ml		3354	
21M0044		24*10/15ml	6000	5031	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)

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

Table Top High Speed Centrifuge



Application:

BKC-TH16E has the advantages of low noise, low temperature rise, safety and reliability, and is widely used in medical, biological, chemical, pharmaceutical and other scientific research, education and production departments, suitable for rapid separation and synthesis of trace samples.

Features:

- * With instantaneous centrifugal function.
- * Whole machine adopts all-steel structure, stainless steel centrifugal chamber.
- * It can store 20 kinds of running programs and has 15 kinds of lifting and lowering rates to choose from.
- * Equipped with a DC brushless motor, ensuring smooth operation, minimal vibration and low noise.
- * Can set the centrifugal speed, time, speed up and down gear, and check the RCF at any time.
- * Capable of setting centrifugal speed, time, and lifting speed gears and viewing centrifugal force at any time.
- * With multiple protection functions and perfect fault alarm function, with door cover interlock, over-speed, unbalanced protection and other alarm reminders.

Technical Parameters:

Model	BKC-TH16E
Max Speed	16000rpm
Max RCF	20878×g
Max Capacity	12*10ml
Speed Precision	±20rpm
Timing Range	1s~99min
Noise	≤65dB
Consumption	500W
Power Supply	AC110~220V, 50/60Hz
External Size(W*D*H)	465*305*305mm
Package Size(W*D*H)	580*460*360mm
Net Weight	24kg
Gross Weight	31.5kg

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF (×g)	Adapter
No.1	Angle Rotor	30*0.5ml	15000	18510	12*0.5ml, 12*0.2ml
No.2		12*1.5/2ml	16000	17800	
No.3		24*1.5/2ml	15000	20878	24*0.5ml, 24*0.2ml
No.4		10*5ml	16000	19040	
No.5		6*10ml	12000	14800	/
No.6		12*10ml	12000	14800	
No.7		4*8PCR	13000	10407	/

Table Top High Speed Centrifuge



Introduction:

BKC-TH18I is commonly used for research at the microscopic level, including studies of viruses and DNA. It is suitable for routine centrifugation, purification and concentration experiments of chemicals within cells, microorganisms, viruses, subcellular components, and bacterial bodies at room temperature for molecular biology of plants and animals.

Features:

- * Embedded microprocessor control, push-button programming
- * Can store and recall 20 sets of operating programs.
- * Support speed 1rpm and time 1s fine-tuning; power-down self-recovery.
- * Adjustable parameters during operation, convenient and quick.
- * 10 lifting rates to choose from, fast lifting speeds.
- * LCD screen display, real-time display of all operating parameters, intuitive and convenient operation.
- * Multi-stage shock absorption, multiple protection for over-speed, imbalance and door cover.
- * Automatic door opening and alert upon completion of centrifugation.

Technical Parameters:

Model	BKC-TH18I
Max Speed	18500rpm
Max RCF	23990×g
Max Capacity	6*50ml
Speed Precision	±1% or ±20rpm
Timing Range	1s~999min
Noise	≤65dB
Consumption	500W
Power Supply	AC110~220V, 50/60Hz
External Size(W*D*H)	510*360*300mm
Package Size(W*D*H)	580*460*360mm
Net Weight	30.5kg
Gross Weight	37.3kg

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.1	Angle Rotor	30*0.5ml	15000	18510	/
No.2		40*0.5ml	14000	19970	
No.3		12*1.5/2ml	18500	23990	12*0.5ml, 12*0.2ml
No.4		24*1.5/2ml	14000	20600	
No.5		30*1.5/2ml	13500	19340	30*0.5ml, 30*0.2ml
No.6		48*1.5/2ml	11000	12840	
No.7		10*5ml	14000	16370	/
No.8		6*10ml	14000	16460	
No.9		12*10ml	12000	14510	/
No.10		6*50ml	11000	13480	
No.11		6*50ml(▲)	11000	13480	/
No.12		4*8PCR	13000	10407	

Table Top High Speed Centrifuge



Introduction:

BKC-MH20-B is a table top high speed centrifuge, commonly used for research at the microscopic level, including studies of viruses and DNA, and is an essential basic instrument for separation and preparation in various departments and institutions.

Features:

- * Embedded microprocessor control, real-time display of speed, time, RCF value.
- * 10 lifting rates to choose from, and the speed can be adjusted within a certain range during operation.
- * LCD screen display, real-time display of all operating parameters.
- * Multiple protection for over-speed and imbalance.
- * Program memory function, automatically saves the last run's settings, and restores the parameters set before shutdown upon startup.

Technical Parameters:

Model	BKC-MH20-B
Max Speed	20500rpm
Max RCF	29200×g
Max Capacity	12*10ml
Speed Precision	±1% or ±20rpm
Timing Range	1s-999min
Noise	≤85dB
Consumption	600W
Power Supply	AC110~220V, 50/60Hz
External Size(W*D*H)	490*350*280mm
Package Size(W*D*H)	580*460*360mm
Net Weight	25kg
Gross Weight	37.5kg

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.1	Angle Rotor	30*0.5ml	13000	18510	/
No.2		12*1.5/2ml	20500	29200	12*0.5ml, 12*0.2ml
No.3		24*1.5/2ml	16000	23400	24*0.5ml, 24*0.2ml
No.4		30*1.5/2ml	13500	19340	30*0.5ml, 30*0.2ml
No.5		48*1.5/2ml	13000	17930	48*0.5ml, 48*0.2ml
No.6		12*10ml	14000	19760	/
No.7		6*50ml	13000	18840	/
No.8		6*50ml(▲)	13000	18840	/

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube

Table Top High Speed Centrifuge



Introduction:

BKC-TH21WC is widely used in clinical medicine, biochemistry, genetic engineering, immunology and other fields. It is a necessary instrument for centrifugal separation in hospitals, scientific research units and universities at all levels.

Features:

- * Embedded microprocessor control, real-time display of speed, time, RCF value.
- * 10 lifting rates to choose from, and the speed can be adjusted within a certain range during operation.
- * High-torque variable frequency motor drive, no carbon powder pollution, maintenance-free.
- * LCD touch screen, real-time display of all operational parameters.
- * Door and lid protection, over-speed and imbalance protection, multi-layer explosion-proof housing.
- * With program memory and storage functions.

Technical Parameters:

Model	BKC-TH21WC
Max Speed	21000rpm
Max RCF	30900×g
Max Capacity	12*10ml
Speed Precision	±1% or ±20rpm
Timing Range	1s-999min
Noise	≤85dB
Consumption	600W
Power Supply	AC110~220V, 50/60Hz
External Size(W*D*H)	490*350*280mm
Package Size(W*D*H)	580*460*360mm
Net Weight	27.5kg
Gross Weight	35.6kg

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.1	Angle Rotor	30*0.5ml	15000	18510	/
No.2		12*1.5/2ml	21000	30900	12*0.5ml, 12*0.2ml
No.3		24*1.5/2ml	16000	23400	24*0.5ml, 24*0.2ml
No.4		30*1.5/2ml	13500	19340	30*0.5ml, 30*0.2ml
No.5		48*1.5/2ml	13000	17930	48*0.5ml, 48*0.2ml
No.6		6*10ml	16000	21500	/
No.7		12*10ml	14000	19760	/

Table Top High Speed Refrigerated Centrifuge

Introduction:

BKC-TH16RE, featuring microcomputer control and a brushless variable frequency motor, is a specialized device for rapid separation of mixed liquids. It is widely used in research, genetic engineering, life sciences, biochemistry and medical facilities. The operation is convenient, with fast cooling speed, making it suitable for experiments that require high centrifugal force, low temperature and small volume separation.

Features:

- * Embedded microprocessor control, precise control of speed, time, temperature and RCF.
- * The whole machine adopts all-steel body and stainless steel centrifugal chamber.
- * Adopt imported fluorine-free compressor unit, R290 refrigerant.
- * Equipped with door cover protection, over-speed and advanced electronic unbalance detection system.

Technical Parameters:

Model	BKC-TH16RE(BKC-TL16RE)
Max Speed	16000rpm
Max RCF	20878×g
Max Capacity	12*10ml
Speed Precision	±1% or ±30rpm
Timing Range	1s~999min
Temperature Range	-20~40℃
Noise	≤65dB
Consumption	500W
Power Supply	AC110~220V, 50/60Hz
External Size(W*D*H)	560*500*340mm
Package Size(W*D*H)	690*650*570mm
Net Weight	47kg
Gross Weight	71kg



10*5ml



12*10ml



24*1.5ml



30*0.5ml



40*0.5ml

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.1	Angle Rotor	30*0.5ml	15000	18620	/
No.2		40*0.5ml	14000	19970	/
No.3		12*1.5/2ml	16000	17750	12*0.5ml, 12*0.2ml
No.4		20*1.5/2ml	15000	17860	20*0.5ml, 20*0.2ml
No.5		24*1.5/2ml	15000	20878	24*0.5ml, 24*0.2ml
No.6		30*1.5/2ml	13500	18950	30*0.5ml, 30*0.2ml
No.7		48*1.5/2ml	11000	12720	48*0.5ml, 48*0.2ml
No.8		10*5ml	16000	17800	/
No.9		12*10ml	12000	14510	/

Table Top High Speed Refrigerated Centrifuge



Features:

- * Embedded microprocessor control, precise control of speed, time, temperature and RCF.
- * Push-button programming design, real-time display of all operating parameters, intuitive and easy to operate.
- * Using high quality rubber door seal, good sealing performance.
- * The whole machine adopts all-steel body and stainless steel centrifugal chamber.
- * Adopt imported fluorine-free compressor unit, R404A refrigerant.
- * Equipped with door cover protection, over-speed and advanced electronic unbalance detection system.

Technical Parameters:

Model	BKC-TH16RM
Max Speed	16000rpm
Max RCF	20878×g
Max Capacity	6*100ml
Speed Precision	±1% or ±30rpm
Timing Range	1s~999min
Temperature Range	-20~40℃
Noise	≤65dB
Consumption	1000W
Power Supply	AC110~220V, 50/60Hz
External Size(W*D*H)	600*560*380mm
Package Size(W*D*H)	730*690*610mm
Net Weight	76kg
Gross Weight	86.5kg

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.1	Angle Rotor	30*0.5ml	15000	18620	/
No.2		40*0.5ml	14000	19940	/
No.3		12*1.5/2ml	16000	17750	12*0.5ml, 12*0.2ml
No.4		20*1.5/2ml	15000	17860	20*0.5ml, 20*0.2ml
No.5		24*1.5/2ml	15000	20878	24*0.5ml, 24*0.2ml
No.6		30*1.5/2ml	13500	18950	30*0.5ml, 30*0.2ml
No.7		48*1.5/2ml	11000	12720	48*0.5ml, 48*0.2ml
No.8		10*5ml	16000	17800	/
No.9		6*10ml	12000	14000	/
No.10		12*10ml	12000	14510	/
No.11		6*50ml	10000	11140	/
No.12		6*50ml(▲)	10000	11140	/
No.13		6*100ml	8000	7283	/
No.14		4*8PCR	14000	13720	/

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube

Table Top High Speed Refrigerated Centrifuge

Introduction:

BKC-TH21RM is equipped with a variety of rotors for choice, and can design a variety of adapters according to the requirements, one machine multi-purpose. With refrigeration system, can accurately control the temperature of the ventricle, improve centrifugal efficiency.

Features:

- * Multi-stage shock absorption, low vibration, low noise.
- * Embedded microprocessor control, DC brushless motor drive.
- * LCD display, real-time display of all running parameters.
- * Imported non-fluorine compressor unit, double cycle refrigeration.

Technical Parameters:

Model	BKC-TH21RM
Max Speed	21000rpm
Max RCF	30700×g
Max Capacity	4*500ml
Speed Precision	±1% or ±20rpm
Timing Range	1s~99min59s
Temperature Range	-20~40℃
Noise	≤65dB
Consumption	1200W
Power Supply	AC110-220V, 50/60Hz
External Size(W*D*H)	670*750*440mm
Package Size(W*D*H)	900*820*700mm
Net Weight	110kg
Gross Weight	142kg



12*1.5ml

24*1.5ml

4*500ml

Microplate

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.1	Swing Rotor Support	4*500ml	/	/	/
	Hanging Cup	4*500ml	/	/	/
	Adapter	4*250ml	4000	3023	/
		4*2*100ml		3023	/
		4*100ml(▲)		3023	/
		4*100ml		3023	/
		4*3*50ml		3023	/
		4*2*50ml		3023	/
		4*50ml		2808	/
		4*4*30ml PP tube		2808	/
		4*9*15ml		2808	/
		4*8*15ml(▲)		2808	/
		4*8*15ml		2808	/
		4*12*10ml		3184	/
		4*12*5ml blood collection tube		2808	48*2ml
	Tube Rack	4*16*10ml	4000	2810	/
		4*20*7ml PP tube		3139	/
		4*24*5ml blood collection tube(106mm)		3032	96*2ml
		4*24*5ml blood collection tube(100mm)		3032	96*2ml
		4*20*5ml blood collection tube(106mm)		3050	80*2ml
		4*24*2ml blood collection tube		2585	/
		4*20*2ml blood collection tube(80mm)		3050	/
		4*25*1.5ml		2808	/

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.2	Swing Rotor Support	4*250ml	/	/	/
	Hanging Cup	4*250ml	/	/	/
	Adapter	4*1*100ml	4000	2379	/
		4*1*50ml		2379	/
		4*9*10ml		2379	/
		4*4*50ml		3500	/
	Tube Rack	4*2*50ml(▲)	4000	3023	/
		4*20*5ml		3139	/
		4*18*5ml blood collection tube(L106mm)		2808	72*2ml
		4*12*5ml blood collection tube(L75mm)		2808	/
		4*12*5ml blood collection tube(L100mm)		2808	48*2ml
		4*12*5ml blood collection tube(L106mm)		2808	48*2ml
		4*10*5ml blood collection tube(L106mm)		2808	40*2ml
No.3	Swing Rotor Support	SUS304 Support	/	/	/
	Hanging Basket	4*2*100ml	4000	3175	/
		4*1*100ml		3007	/
		4*2*50ml		3022	50ml(▲), 15ml(●)
		4*1*50ml		2846	
		4*8*15ml		3030	15ml(▲), 10ml(▲), 10ml blood collection tube,
		4*8*15ml		2705	5ml blood collection tube,
		4*4*15ml		2705	2ml blood collection tube(L75)
		4*8*10ml		3030	/
		4*8*10ml		2705	/
		4*4*10ml		2705	/
No.4	Microplate Rotor	2*2*96well	4000	2300	/
No.5		30*0.5ml	18000	26660	/
No.6		40*0.5ml	15000	22920	/
No.7		12*1.5/2ml	21000	30700	12*0.5ml, 12*0.2ml
No.8		20*1.5/2ml	15000	17860	20*0.5ml, 20*0.2ml
No.9		24*1.5/2ml	16000	23438	24*0.5ml, 24*0.2ml
No.10		30*1.5/2ml	13500	19340	30*0.5ml, 30*0.2ml
No.11		36*1.5/2ml	13000	19159	36*0.5ml, 36*0.2ml
No.12		48*1.5/2ml	13000	17930	48*0.5ml, 48*0.2ml
No.13		10*5ml	16000	16600	/
No.14		6*10ml	12000	14000	/
No.15	Angle Rotor	12*10ml	16000	21500	/
No.16		6*50ml	14000	22130	/
No.17		6*50ml(▲)	14000	22130	/
No.18		6*100ml	10000	13975	/
No.19		4*8PCR	13000	10407	/

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube

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	16800rpm
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	16800	19200	18*0.5ml	Φ8*32
No.2		16800	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

Table Top High Speed Centrifuge

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	16800	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



Table Top High Speed Refrigerated Centrifuge



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, 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-TH16RD
Max. Speed	16500rpm
Max. RCF	21380×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*367
Package Size(W*D*H)mm	430*890*530
Net Weight(kg)	50
Gross Weight(kg)	75

Rotor:

No.	Rotor	Max. Speed(rpm)	Max. RCF(×g)	Max. Capacity	Dimension of Tube(mm)
No.1	Angle Rotor	16500	18400	12*1.5/2.2ml	Φ10*42
No.2		15000	21380	24*1.5/2.2ml	Φ10*42
No.3		13000	19270	48*0.5ml	Φ8*32
No.4		13000	19270	32*1.5/2.2ml	Φ10*42
No.5		12000	10100	12*5ml	Φ13*53
No.6		12500	16060	12*10ml	Φ16*85
No.7		12000	15130	6*50ml(●)	Φ29*106
No.8		12000	15130	6*50ml(▲)	Φ29*116
No.9		10000	10620	4*100ml	Φ38*119
No.10		12000	15370	8*15ml(▲)	Φ17*121
No.11	Microplate	4000	2000	2*2*48well	Microplate
No.12	Angle Rotor	13000	16200	6*8*0.2ml PCR	/

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

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 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-TH18RHD
Max. Speed	18500rpm
Max. RCF	23800×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*352
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	18500	23800	12*1.5/2.2ml	Φ10*42
NO.2		15000	21380	24*1.5/2.2ml	Φ10*42
NO.3		14000	22350	32*1.5/2.2ml	Φ10*42
NO.4		13000	18040	48*1.5ml	Φ10*42
NO.5		13500	12830	48*0.5ml	Φ8*32
NO.6		13000	18040	8*15ml(▲)	Φ17*121
NO.7		13000	17760	6*50ml(●)	Φ29*105
NO.8		13000	17760	6*50ml(▲)	Φ29*116
NO.9		11000	12850	4*100ml	Φ38*119
NO.10	Microplate Rotor	4000	2000	2*2*48 well	Microplate

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

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*352
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*2.2/1.5ml	Φ10*42
NO.3		16000	24327	24*2.2/1.5ml	Φ10*42
NO.4		15000	25658	32*2.2/1.5ml	Φ10*42
NO.5		13000	18040	48*2.2/1.5ml	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*105
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

Table Top High Speed Refrigerated Centrifuge



Features:

- 5-inch high-definition touch screen, easily operated, visual display.
- Automatically identify 13 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.

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.

Technical Parameters:

Model	BKC-TH21RHD
Max. Speed	21000rpm
Max. RCF	29828×g
Max. Capacity	4*750mL
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±10%V 50/60Hz(Standard); AC110V 60Hz(Optional)
Noise	< 60dB(A)
External Size(W*D*H) mm	720*743*410
Package Size(W*D*H) mm	790*930*580
Net Weight(kg)	110
Gross Weight(kg)	140

Rotor:

No.	Rotor	Max. Speed(rpm)	Max. RCF(xg)	Max. Capacity	Dimension of Tube(mm)
NO.1	Angle Rotor	21000	29828	12*1.5/2.2ml	Φ10*42
NO.2		16500	24890	24*1.5/2.2ml	Φ10*42
NO.3		15000	25650	32*1.5/2.2ml	Φ10*42
NO.4		15000	24270	48*1.5/2.2ml	Φ10*42
NO.5		16500	19170	12*5ml	Φ13*53
NO.6		15000	23120	12*10ml	Φ16*85
NO.7		15000	23640	6*50ml(●)	Φ29*105
NO.8		15000	23640	6*50ml(▲)	Φ29*116
NO.9		12000	15610	8*50ml(●)	Φ29*105
NO.10		12000	15610	8*50ml(▲)	Φ29*116
NO.11		15000	23640	8*15ml(▲)	Φ17*121
NO.12		14000	22022	12*15ml(▲)	Φ17*121
NO.13		10000	11808	6*100ml	Φ38*125
NO.14		13000	18138	4*100ml	Φ28*119
NO.15	Swing Rotor	/	/	Support	/
	Tube Rack	4000	2810	4*100ml	Φ38*119
				4*2*100ml	Φ38*115
				4*4*10ml	Φ16*115
				4*6*10ml	Φ16*115
				4*8*10ml	Φ16*115
				4*4*15ml(▲/●)	Φ16*120
				4*6*15ml(▲/●)	Φ16*120
				4*8*15ml(▲/●)	Φ16*120
				4*50ml(▲/●)	Φ29*116
				4*2*50ml(▲/●)	Φ29*116
	Adapter	4200	3500	4*250ml	Φ62*126
				4*8*5ml	/
				4*8*7ml	/
				4*7*10ml	/
				4*6*15ml	/
				4*2*50ml(●)	/
				4*1*50ml(▲)	/
NO.16	Swing Rotor	4000	3040	4*100ml	/
	Adapter	4000	3040	4*500ml	Φ80*150
				4*15*5ml	/
				4*15*7ml	/
				4*12*10ml	/
				4*8*15ml(▲)	/
				4*4*50ml(▲/●)	/
				4*2*100ml	/
				4*250ml	/
				4*750ml	Φ99*130
NO.18	Swing Rotor	4000	3180	4*750ml	Φ99*130
NO.19	Swing Rotor	4200	3500	4*12*5/7ml	Φ13*90/100
NO.20	Swing Rotor	4200	3500	4*18*5/7ml	Φ13*90/100
NO.21	Swing Rotor	4000	3040	4*24*5/7ml	Φ13*90/100
NO.22	Microplate Rotor	4000	2300	2*2*96 well	Microplate

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

Table Top High Speed Centrifuge



BKC-TH18II

BKC-TH21

Features:

- * Microcomputer control, large screen color LCD, full touch screen operation interface
- * Brushless AC variable frequency motor drive
- * Double door cover lock system, ensure running safety
- * Provide 20 kinds of working program storage, easy to use and improve work efficiency
- * It has two timing functions: setting and jog
- * Differential centrifugation: five differential centrifugation procedures are reserved
- * Double layer steel structure, spray anti-corrosion coating surface of centrifugal chamber
- * Automatic balance and unbalance protection
- * Soft braking function, it can effectively prevent sample resuspension and protect sensitive samples
- * Countdown function: the countdown in seconds, real-time display of remaining working time
- * The centrifuge can customize 485 communication interface function and operate through remote control
- * The rotor can withstand high temperature and pressure sterilization at 121°C for more than 2 hours, airtight angle rotor, high biological safety
- * Automatic magnetic rotor recognition

Technical Parameters:

Model	BKC-TH18II	BKC-TH21
Max. Capacity	12*10ml	6*100ml
Max. Speed	18800rpm	21000rpm
Max. RCF	26870xg	30410xg
Speed Precision	±10rpm	
Timing Range	1s~99h59min59s/jog	
Noise	≤58dB	
Power Supply	AC220V, 50/60Hz(standard); AC110V, 50/60Hz(optional); External transformer	
External Size(W*D*H) mm	426*322*340	485*370*400
Package Size(W*D*H) mm	530*520*520	580*505*680
Net Weight(kg)	27	40
Gross Weight(kg)	28	45

Rotor for BKC-TH18II:

Rotor No.	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)
H0.512	12*0.5ml	18800	18967
H0.524	24*0.5ml	18800	18967
H0212	12*1.5/2.2ml	18800	26870
H0224	24*1.5/2.2ml	15800	24365
H0512	12*5ml	16000	19642
H1012	12*10ml	13500	17645
H0.548	48*0.5ml	13000	14737
H0.232	4*8*0.2ml-strip PCR tube	13500	14059
H0.264	8*8*0.2ml-strip PCR tube	13000	14926
H0.136	Capillary rotor 36 pcs 1.75*75mm	13000	14926
H0612	12*5ml cryotubes	13000	16155
H0312	12*3ml vacuum blood tube	8000	4866
H0712	12*5ml vacuum blood tube	8000	7119

Rotor for BKC-TH21:

Rotor No.	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)
H0.512	12*0.5ml	21000	23666
H0.524	24*0.5ml	20000	30410
H0212	12*1.5/2.2ml	20000	30410
H0224	24*1.5/2.2ml	17500	29890
H0236	36*1.5/2.2ml	16000	25473
H0248	48*1.5/2.2ml	15500	26672
H0512	12*5ml	17000	21971
H1012	12*10ml	14500	20356
H1508	8*15ml	13000	17572
H1512	12*15ml	12500	17469
H0524	24*5ml	13500	17115
H1024	24*10ml	12500	16770
H3006	6*30ml	14500	21155
H5006	6*50ml	12500	17346
H5008	8*50ml	12000	16904
H8504	4*100ml	12000	16904
H8506	6*100ml	12000	16904
H0.548	48*0.5ml	16000	22324
H0.232	4*8*0.2ml-strip PCR tube	14500	16219
H0.264	8*8*0.2ml-strip PCR tube	13000	14926
H0.136	Capillary rotor 36 pcs 1.75*75mm	14500	24681
H0312	12*3ml vacuum blood tube	8000	4866
H0324	24*3ml vacuum blood tube	7000	5259
H0712	12*5ml vacuum blood tube	8000	7119
H0724	24*5ml vacuum blood tube	7000	4821
Swing Rotor P1004	4*100ml	5000	3913
Swing Rotor P5004	4*50ml	5000	3913
Swing Rotor P1012	12*10ml	5000	3913
Microplate Rotor E4002	2*2*48-well	5000	2432

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube

Table Top High Speed Refrigerated Centrifuge

Features:

- * Microcomputer control, large screen color LCD, full touch screen operation interface
- * Brushless AC variable frequency motor drive
- * Double door cover lock system, ensure running safety
- * Provide 20 kinds of working program storage, easy to use and improve work efficiency
- * Provide 15 kinds of acceleration/deceleration
- * It has two timing functions: setting and jog
- * Differential centrifugation: five differential centrifugation procedures are reserved
- * Double layer steel structure, spray anti-corrosion coating surface of centrifugal chamber
- * Automatic balance and unbalance protection
- * Soft braking function, it can effectively prevent sample resuspension and protect sensitive samples
- * Countdown function: the countdown in seconds, real-time display of remaining working time
- * The centrifuge can customize 485 communication interface function and operate through remote control
- * Condensate drainage holes are provided in the centrifugal chamber
- * Pre-cooling function: In standby mode, the centrifuge can continuously cool to the set temperature
- * Automatic standby function: When the temperature drops to the set temperature, the compressor automatically stands by
- * Quick cooling function: When the temperature drops from 21°C to 4°C, the biological zero point, the cooling time is less than 5 minutes
- * The rotor can withstand high temperature and pressure sterilization at 121°C for more than 2 hours, airtight angle rotor, high biological safety
- * Automatic magnetic rotor recognition
- * Famous brand compressor, fluorine-free refrigeration technology

Technical Parameters:

Model	BKC-TH18R
Max. Speed	18800rpm
Max. RCF	26870xg
Max. Capacity	10ml*12
Speed Precision	±10rpm
Temp. Range	-20°C~40°C
Temp. Accuracy	±1°C
Timing Range	1s~99h59min59s/jog
Noise	≤58dB
Power Supply	AC220V, 50/60Hz(standard); AC110V, 50/60Hz(optional); External transformer
External Size(W*D*H)mm	613*382*325
Package Size(W*D*H)mm	740*550*490
Net Weight(kg)	57
Gross Weight(kg)	71.3

Rotor:

Rotor No.	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)
H0.512	12*0.5ml	18800	18967
H0.524	24*0.5ml	18800	26870
H0212	12*1.5/2.2ml	18800	26870
H0224	24*1.5/2.2ml	15800	24365
H0512	12*5ml	16000	19462
H0612	12*5ml cryotubes	13000	16155
H0712	12*5ml vacuum blood tube	8000	7119
H1012	12*10ml	13500	17645
H0.548	48*0.5ml	13000	14737
H0.232	4*8*0.2ml-strip PCR tube	13500	14059
H0.264	8*8*0.2ml-strip PCR tube	13000	14926
H0.136	Capillary rotor 36 pcs 1.75*75mm	12000	16904

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube



High Speed Refrigerated Centrifuge

Features:

- * This series is stable and not bulky, with good compatibility and can be equipped with large-capacity rotors
- * Microcomputer control; AC variable frequency motor drive, no carbon powder pollution, extended service life; low noise, minimal vibration; equipped with a variety of rotors for user selection
- * Can set the speed up and down mode, provide speed and centrifugal force setting mode, and can switch the speed/centrifugal force value with one button
- * Compressor unit: refrigeration and heating dual-channel temperature control, unique heat dissipation system to ensure the best cooling effect of the instrument
- * Equipped with overspeed, overtemperature, imbalance, door cover self-locking and other protections to ensure personal and machine safety
- * Small and compact body, equipped with high-torque variable frequency motor, faster acceleration and deceleration, improved efficiency, super cost-effective

Technical Parameters:

Model	BKC-VH21RL
Max. Speed	21000rpm
Max. RCF	47580xg
Max. Capacity	4*750ml
Speed Precision	±30rpm
Temp. Range	-20°C~40°C
Temp. Accuracy	±2°C
Timing Range	1min~23h59min
Noise	≤65dB
Power Supply	AC220V, 50/60Hz(standard); AC110V, 50/60Hz(optional); External transformer
External Size(W*D*H)mm	825*625*910
Package Size(W*D*H)mm	835*960*1430
Net Weight(kg)	252
Gross Weight(kg)	292

Rotor:

Rotor No.	Max. Capacity	Max. Speed(rpm)	Max. RCF(xg)
Angle Rotor	16*10ml	21000	47850
Angle Rotor	6*50ml	20000	43000
Angle Rotor	8*50ml	15000	27720
Angle Rotor	8*100ml	13000	19830
Angle Rotor	6*250ml	12000	21700
Angle Rotor	6*500ml	8000	11680
Angle Rotor	4*250ml	13000	23420

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube



500*6ml



High Speed Refrigerated Centrifuge



BKC-TH23RII

BKC-TH24R

BKC-TH24RL

Features:

- * Microcomputer control, large screen color LCD, full touch screen operation interface
- * Brushless AC variable frequency motor drive
- * Double door cover lock system, ensure running safety
- * Provide 20 kinds of working program storage, easy to use and improve work efficiency
- * Provide 15 kinds of acceleration/deceleration
- * It has two timing functions: setting and jog
- * Differential centrifugation: five differential centrifugation procedures are reserved
- * Double layer steel structure, spray anti-corrosion coating surface of centrifugal chamber
- * Automatic balance and unbalance protection
- * Soft braking function, it can effectively prevent sample resuspension and protect sensitive samples
- * Countdown function: the countdown in seconds, real-time display of remaining working time
- * The centrifuge can customize 485 communication interface function and operate through remote control
- * Condensate drainage holes are provided in the centrifugal chamber
- * Pre-cooling function: In standby mode, the centrifuge can continuously cool to the set temperature
- * Automatic standby function: When the temperature drops to the set temperature, the compressor automatically stands by
- * Quick cooling function: When the temperature drops from 21°C to 4°C, the biological zero point, the cooling time is less than 5 minutes
- * The rotor can withstand high temperature and pressure sterilization at 121°C for more than 2 hours, airtight Angel rotor rotor, high biological safety
- * Automatic magnetic rotor recognition
- * Famous brand compressor, fluorine-free refrigeration technology

Technical Parameters:

Model	BKC-TH23RII	BKC-TH24R	BKC-TH24RL
Max. Speed	23000rpm	23500rpm	24000rpm
Max. RCF	36796xg	38487xg	40217xg
Max. Capacity	6*100ml	4*300ml	4*750ml
Speed Precision	±10rpm		
Timing Range	1s-99h59min59s/jog		
Temp. Range	-20°C~40°C		
Temp. Accuracy	±1.0°C		
Noise	≤58dB		
Power Supply	AC220V, 50/60Hz(standard); AC110V, 50/60Hz(optional); External transformer		
External Size(W*D*H)mm	510*555*486	570*615*504	750*590*690
Package Size(W*D*H)mm	775*690*660	780*700*660	830*700*1060
Net Weight(kg)	90	95	120
Gross Weight(kg)	108	110	185

Rotor for BKC-TH23RII:

Rotor No.	Max. Capacity	Max. Speed(rpm)	Max. RCF(*g)
Angel Rotor H0.512	12*0.5ml	23000	28388
Angel Rotor H0.524	24*0.5ml	22000	30796
Angel Rotor H0.548	48*0.5ml	16000	22324
Angel Rotor H0212	12*1.5/2.2ml	22000	36796
Angel Rotor H0224	24*1.5/2.2ml	17500	29870
Angel Rotor H0236	36*1.5/2.2ml	16000	25473
Angel Rotor H0248	48*1.5/2.2ml	15500	26672
Angel Rotor H0312	12*3ml vacuum blood tube	8000	4886
Angel Rotor H0324	24*3ml vacuum blood tube	7000	4821
Angel Rotor H0712	12*5ml vacuum blood tube	8000	7119
Angel Rotor H0724	24*5ml vacuum blood tube	7000	5259
Angel Rotor H0512	12*5ml	17000	21971
Angel Rotor H1012	12*10ml	15500	23261
Angel Rotor H0524	24*5ml	13500	17115
Angel Rotor H1024	24*10ml	12500	16770
Angel Rotor H1508	8*15ml	13000	17527
Angel Rotor H1512	12*15ml	12500	17469
Angel Rotor H3006	6*30ml	15000	22640
Angel Rotor H5006	6*50ml	13000	18762
Angel Rotor H5008	8*50ml	12000	16904
Angel Rotor H8504	4*100ml	12000	16904
Angel Rotor H8506	6*100ml	12000	16904
Angel Rotor H0.136	Capillary rotor 36 pcs 1.75*75mm	12000	16904
Angel Rotor H0.232	4*8*0.2ml-strip PCR tube	14500	16219
Angel Rotor H0.264	8*8*0.2ml-strip PCR tube	13000	14926
Swing Rotor P1012	12*10ml	5000	3913
Swing Rotor P1012	4*15ml	5000	3913
Swing Rotor P5004	4*50ml	5000	3913
Swing Rotor P1004	4*100ml	5000	3913
Microplate Rotor	2*2*48-well	5000	2432

Rotor for BKC-TH24R:

Rotor No.	Max. Capacity	Max. Speed(rpm)	Max. RCF(*g)
Angel Rotor H0.512	12*0.5ml	23500	29636
Angel Rotor H0.524	24*0.5ml	22500	38487
Angel Rotor H0.548	48*0.5ml	16000	22324
Angel Rotor H0212	12*1.5/2.2ml	22500	38487
Angel Rotor H0224	24*1.5/2.2ml	17500	29870
Angel Rotor H0236	36*1.5/2.2ml	16000	25473
Angel Rotor H0248	48*1.5/2.2ml	15500	26672
Angel Rotor H0312	12*3ml vacuum blood tube	8000	4886
Angel Rotor H0324	24*3ml vacuum blood tube	7000	4821
Angel Rotor H0712	12*5ml vacuum blood tube	8000	7119
Angel Rotor H0724	24*5ml vacuum blood tube	7000	5259
Angel Rotor H0512	12*5ml	17000	21971
Angel Rotor H1012	12*10ml	15500	23261
Angel Rotor H0524	24*5ml	15000	21130
Angel Rotor H1024	24*10ml	12500	16770
Angel Rotor H1508	8*15ml	13000	17527
Angel Rotor H1512	12*15ml	12500	17469
Angel Rotor H3006	6*30ml	15000	22640
Angel Rotor H5006	6*50ml	13000	18762
Angel Rotor H5008	8*50ml	12000	16904
Angel Rotor H8504	4*100ml	12000	16904
Angel Rotor H8506	6*100ml	12000	16904
Angel Rotor H0.136	Capillary rotor 36 pcs 1.75*75mm	12000	16904
Angel Rotor H0.232	4*8*0.2ml-strip PCR tube	14500	16219
Angel Rotor H0.264	8*8*0.2ml-strip PCR tube	13000	14926
No.1 Swing Rotor	4*300ml(Round cup)	4500	3894
Adapter 1	4*250ml	4500	3645
Adapter 2	4*100ml		
Adapter 3	12*50ml		
Adapter 4	40*10ml(●)		
Adapter 5	20*15ml(▲)		
Adapter 6	56*5ml vacuum blood tube		
No.2 Swing Rotor	4*100ml	4500	3845
Adapter	4*100ml		
Adapter	8*50ml	4500	3645
Adapter	24*10/15ml(▲/Urine sediment tube)		
No.3 Swing Rotor	8*100ml(Square cup)	4200	3175
Adapter	8*100ml		
Adapter	8*50ml		
Adapter	32*10/15ml		
Microplate Rotor [OWP/MTP]	2*96-well / 2*2*96-well	5000	4081

Rotor for BKC-TH24RL:

Rotor No.	Max. Capacity	Max. Speed(rpm)	Max. RCF(*g)
Angel Rotor H0.512	12*0.5ml	24000	30910
Angel Rotor H0.524	24*0.5ml	23000	40217
Angel Rotor H0.548	48*0.5ml	16000	22324
Angel Rotor H0212	12*1.5/2.2ml	23000	40217
Angel Rotor H0224	24*1.5/2.2ml	17500	29890
Angel Rotor H0236	36*1.5/2.2ml	16000	25472
Angel Rotor H0248	48*1.5/2.2ml	15500	26672
Angel Rotor H0312	12*3ml vacuum blood tube	8000	4866
Angel Rotor H0324	24*3ml vacuum blood tube	7000	4821
Angel Rotor H0712	12*5ml vacuum blood tube	8000	7119
Angel Rotor H0724	24*5ml vacuum blood tube	7000	5259
Angel Rotor H0512	12*5ml	17000	21971
Angel Rotor H1012	12*10ml	15500	23261
Angel Rotor H0524	24*5ml	13500	17115
Angel Rotor H1024	24*10ml	12500	16770
Angel Rotor H1506	8*15ml	13000	17572
Angel Rotor H1512	12*15ml	12500	17469
Angel Rotor H3006	6*30ml	15000	22640
Angel Rotor H5006	6*50ml	13000	18762
Angel Rotor H5008	8*50ml	12000	16904
Angel Rotor H8504	4*100ml	12000	16904
Angel Rotor H8506	6*100ml	12000	16904
Angel Rotor H0.136	Capillary rotor 36 pcs 1.75*75mm	12000	16904
Angel Rotor H0.232	4*8*0.2ml-strip PCR tube	14500	16219
Angel Rotor H0.264	8*8*0.2ml-strip PCR tube	13000	14926
Swing Rotor	4*750ml	4200	3727
Adapter	4*500ml	4200	3727
Adapter	4*250ml coming tube		
Adapter	4*250ml		
Adapter	12*100ml		
Adapter	20*50ml(▲)		
Adapter	56*15ml(▲)		
Adapter	76*15ml		
Adapter	96*3/5/7ml vacuum blood tube		
Adapter	148*5ml(RIA tube)	4500	3645
Adapter	28*50ml(●)		
Swing Rotor	4*300ml(Round cup)		
Adapter 1	4*250ml		
Adapter 2	4*100ml		
Adapter 3	12*50ml		
Adapter 4	40*10ml(●)		
Adapter 5	20*15ml(▲)		
Adapter 6	56*5ml vacuum blood tube	4200	3451
Swing Rotor	4*500ml(Round cup)		
Adapter	4*250ml		
Adapter	12*100ml		
Adapter	16*50ml		
Adapter	56*10ml(●)		
Adapter	40*15ml(▲)		
Adapter	68*3/5/7ml vacuum blood tube		
Adapter	96*5ml(RIA tube)	5000	4081
Microplate Rotor [DWP/MTP]	2*96-well /2*2*96-well		
Microplate Rotor [DWP/MTP]	4*96-well/2*4*96-well	4000	3667

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube

Other Specific Function Centrifuge

- * Cytology Centrifuge
- * Microplate Centrifuge
- * Hematocrit Centrifuge
- * Automatic Uncovering Centrifuge
- * Biosafety Centrifuge
- * Gel Card Centrifuge
- * Immune Blood Centrifuge
- * Table Top Low Speed Centrifuge (CGF)
- * PRP Centrifuge
- * Blood Bag Centrifuge

Cytology Centrifuge



Cytology Rotor

Introduction:

Cytology Centrifuge BKC-TL4Cyto is widely used in immune hematology laboratory, hospital laboratory, research laboratory, can carry out red blood cell serology experiments, antigen and antibody identification experiments and Coombs experiments, etc., suitable for all body fluid cells. Films (such as ascites, sputum, pericardial fluid, urine, joint fluid, cerebral effusion, puncture fluid, bronchial fluid, etc.).

Features:

- * The whole machine adopts steel structure and stainless steel centrifugal chamber.
- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, smooth operation.
- * Push-button programming design, digital tube display, real-time display of all operating parameters, intuitive and simple operation.
- * Alarm monitoring function, real-time monitoring of lock and motor status, safe and reliable operation.
- * Centrifugal speed, centrifugal time and other parameters can be set, and real-time display of centrifugal force.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL4Cyto
Max. Capacity	12 cards
Max. Speed	3000rpm
Max. RCF	1026×g
Timing Range	1s~99min
Speed Precision	±10rpm
Noise	≤80dB
Consumption	150W
Power Supply	AC220V, 50/60Hz or 110V, 50/60Hz
External Size(L*W*H)	340*430*278mm
Package Size(L*W*H)	476*566*438mm
Net Weight	20kg
Gross Weight	24kg

Rotor:

NO.	Rotors Type	Max. Capacity	Max. Speed	Max. RCF
4M0013	Cytology Rotor	12 cards	3000rpm	1026×g

Cytology Centrifuge



Introduction:

BKC-TL4Cyto-1 is a centrifuge that can complete the two steps of cell concentration (centrifugation) and smear in cell suspension at one time. It can reduce cell loss and damage, and cells are concentrated in a certain range, which can improve the detection rate and save the time of operation and film reading.

Application:

Suitable for the examination of a variety of body fluids and cell suspension, such as chest, ascites, urine, cerebrospinal fluid and blood in a small number of cancer cells, abnormal or normal cells, can improve the detection rate and save film reading time.

Features:

- * Brushless DC motor, microcomputer processor precise control.
- * The LCD screen displays the operating parameters in real time.
- * Electronic door lock, overspeed, unbalanced protection, fuselage with high quality steel structure.
- * Transparent acrylic door cover, visual sample operation.
- * Stainless steel inner cavity, double layer protection structure.
- * Alarm protection function, overspeed, unbalanced protection, safe, reliable, convenient and fast.
- * Two stage vibration reduction, centrifugal effect to achieve the best.
- * 10 kinds of lifting speed to choose from, the lifting speed is fast.

Technical Parameters:

Model	BKC-TL4Cyto-1
Max. Speed	4000rpm
Max. RCF	2170×g
Max. Capacity	12 cards
Time Range	1s~999min
Speed Precision	±10rpm
Noise	≤55dB(A)
Consumption	200W
Power Supply	AC110V~220V, 50/60Hz
External Size(L*W*H)	480*358*270mm
Package Size(L*W*H)	610*500*510mm
Net Weight	16kg
Gross Weight	30kg

Rotor:

NO.	Rotors Type	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)
NO.1	Cytology Rotor	6 cards	4000rpm	2170×g
NO.2		12 cards		2170×g

Microplate Centrifuge



Rotor:

Capacity: 2*96 well PCR plate
Speed: 2800 rpm
RCF: 755×g

Introduction:

The microplate centrifuge BKC-TL3MP is a transient centrifuge specially designed for microplate centrifuge, for easy separation from the bottom wall fluid. It is suitable for skirted, non-skirted and various standard PCR microplates.

Features:

- * The whole machine adopts steel structure, safe and reliable, durable.
- * Aluminum alloy rotor, high strength, no pollution, can be sterilized at high temperature.
- * Two operating modes, touch operation and timing operation, make the experiment more convenient and efficient.
- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, smooth operation.
- * Instant acceleration to 2800rpm, electronic brake, it takes only 15s to stop.
- * Push-button programming design, LCD display, all parameters real-time displayed.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL3MP
Max. Capacity	2*96 well
Max. Speed	2800rpm
Max. RCF	755×g
Timing Range	1s~99s(short-spin)
Speed Precision	±15rpm
Noise	≤60dB
Consumption	50W
Power Supply	AC100~260V, 50/60Hz
External Size(L*W*H)	200*250*230mm
Package Size(L*W*H)	300*310*300mm
Net Weight	5.5kg
Gross Weight	6kg

Rotor:

NO.	Rotors Type	Max. Capacity	Max. Speed	Max. RCF
1	Microplate Rotor	2*96 well PCR plate/2*12*8*0.2ml PCR strips/2*96*0.2ml PCR tube	2800rpm	755×g

Microplate Centrifuge



Rotor:

Capacity: 2*96well
Speed: 4000 rpm RCF: 2361 ×g

Introduction:

The microplate centrifuge BKC-TL4MP is often used in PCR experiments to quickly remove droplets from the lower wall and significantly improve the experimental results. It is suitable for skirted, non-skirted and various standard PCR microplates, suitable for biochemical, Molecular biology, ELISA and isolation of general experimental samples, etc.

Features:

- * 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 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.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL4MP
Max. Capacity	2*96 well microplate/ELISA plate, 2*96 deep-well plate
Max. Speed	4000rpm
Max. RCF	2361×g
Timing Range	1s~99h59min/continuous/short-spin
Speed Precision	±20rpm
Noise	≤55dB(A)
Consumption	500W
Power Supply	AC220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)
External Size(L*W*H)	440*580*370mm
Package Size(L*W*H)	596*736*650mm
Net Weight	41kg
Gross Weight	55kg(220V), 60kg(110V)

Rotor:

NO.	Rotors Type	Max. Capacity	Max. Speed	Max. RCF
5M00045	Microplate Rotor	2*96 well	4000rpm	2361×g

Hematocrit Centrifuge



Introduction:

Hematocrit Centrifuge is mainly used for the determination of hematology cell specific product value, the separation of trace blood and trace solution.

Features:

- * Instantaneous centrifugal functions.
- * The machine adopts steel structure and stainless steel centrifugal chamber.
- * Can store 20 procedures, 15 levels speed-up and speed-down control.
- * Three levels of shock absorption protection, centrifuge vibration is small, to ensure the best centrifugal effect
- * Embedded microprocessor control, brushless DC motor drive, maintenance-free, stable operation
- * It can set the centrifugal speed, time, speed up and down gear, and check the centrifugal force at any time

Technical Parameters:

Model	BKC-MH12-B
Max.Speed	12000rpm
Max.RCF	14170×g
Max.Capacity	24 capillaries
Speed Precision	±1% or ±20rpm, take the highest value
Time Range	1s~999min
Noise	≤65dB(A)
Consumption	250W
Power Supply	AC110V~220V, 50/60Hz
External Size(L*W*H)	280*385*220mm
Package Size(L*W*H)	360*430*330mm
Net Weight	18kg
Gross Weight	22kg

Rotor:

NO.	Rotor Type	Max. Capacity	Max. Speed	Max. RCF
1	Capillaries Rotor	24 capillaries	12000rpm	14170×g

Hematocrit Centrifuge



Introduction:

Hematocrit Centrifuge is mainly used for the determination of hematology cell specific product value, the separation of trace blood and trace solution.

Features:

- * The design of the whole machine is in line with ergonomics, streamline design, all steel structure, safe, beautiful and practical.
- * The compact and multi-purpose high-speed centrifuge saves the limited table space in the laboratory.
- * Adopt food grade silicone integral sealing ring to avoid aerosol overflow and ensure the safety of staff.
- * Adopt electromechanical integration door lock, easy to use, safe and reliable.
- * Push-button programming design, digital tube display, centrifugal speed, centrifugal time and other parameters can be set.
- * Alarm detection function, real-time detection of door lock and motor state, safe and reliable operation.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TH12Ca
Max.Speed	12000rpm
Max.RCF	14170×g
Max.Capacity	24 capillaries
Speed Precision	±20rpm
Time Range	1s~999min
Noise	≤65dB(A)
Consumption	150W
Power Supply	AC220V, 50/60Hz or 110V, 50/60Hz
External Size(L*W*H)	320*380*270mm
Package Size(L*W*H)	386*456*381mm
Net Weight	19kg
Gross Weight	23kg

Rotor:

NO.	Rotor Type	Max. Capacity	Max. Speed	Max. RCF
12M0001	Capillaries Rotor	24 capillaries	12000rpm	14170×g

Automatic Uncovering Centrifuge



Introduction:

Vacuum-collecting vessels are widely used in hospitals at all levels when collecting blood samples. After blood centrifugation, the cap must be removed manually, which is inefficient. The shaking may cause the blood to remix and increase the risk of infection. In this regard, the automatic hat centrifuge is a set of hat, centrifuge completed at a time, effectively improve the work efficiency, reduce the labor intensity of medical staff; Eliminate the risk of potential biological contamination by manually opening the cover to the medical staff.

Features:

- * Embedded microprocessor control, high control precision, real-time display speed, time, RCF value;
- * 10 kinds of lifting speed for choice, the lifting speed is fast, the speed can be adjusted within a certain range during operation;
- * Maximum torque motor direct drive, no carbon powder pollution, maintenance-free, long service life;
- * OLED LCD digital display, real-time display of all operating parameters, intuitive and convenient operation;
- * Over-speed, unbalanced protection, safe and reliable; program memory function, automatic memory of the previous operation set parameters, boot automatically restore the parameters set before shutdown;
- * Cap removal rate of 99%, effectively prevent cross infection, blood spatter and broken pipe.

Technical Parameters:

Model	BKC-AU5MT	BKC-AU5BT	BKC-AU5KT
Max.Speed	5000rpm		
Max.RCF	4390×g		
Max.Capacity	4*500ml		
Speed Precision	±1% or ±20rpm, take the highest value		
Time Range	1s~999min		
Noise	≤65dB		
Consumption	500W		
Power Supply	AC110~220V, 50/60Hz		
External Size(L*W*H)	615*450*368mm		
Package Size(L*W*H)	780*600*650mm		
Net Weight	44kg		
Gross Weight	64.5kg		



4x24x5ml



4x20x5ml



4x12x5ml

Rotor:

NO.	Rotors Type	Max. Capacity	Max. Speed	Max. RCF	Adapter
NO.1	Swing Rotor	4*12*5ml vacuum blood collection tube(for BKC-AU5MT)	4000rpm	3580×g	4*12*2ml
NO.2		4*20*5ml vacuum blood collection tube(for BKC-AU5BT)	4000rpm	3580×g	4*20*2ml
NO.3		4*24*5ml vacuum blood collection tube(for BKC-AU5KT)	4000rpm	3580×g	4*24*2ml

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube

Biosafety Centrifuge



4*250ml



4*500ml



Microplate
Rotor Support

Introduction:

BKC-TL5S low speed biosafety centrifuge adopts brushless DC motor, microcomputer control, intake filter, exhaust filter, UV lamp sterilization device, rotor identification device, with a variety of protection functions, so that the operation is safer, more simple, more reliable.

Features:

- * High efficiency filtration system, for 0.1um filter efficiency of 99.5%.
- * High intensity UV lamp eliminates potential microbial contamination and ensures the safety of centrifugal chamber.
- * Internal and external double circulation clean mode, non-interference, to ensure the biosafety of centrifugal experimental environment.
- * With rotor identification, unbalance, overspeed, over-speed, over-temperature, automatic door lock and other multiple protection functions.
- * 7-inch touch screen, can be set step centrifugal mode and other modes
- * Embedded microprocessor control, brushless DC motor drive, maintenance-free, smooth operation.

Technical Parameters:

Model	BKC-TL5S
Max. Speed	4000rpm
Max. RCF	3580×g
Max. Capacity	4*4*50ml
Speed Precision	±20rpm
Time Range	1s~99h59min
Noise	≤65dB
Consumption	600W
Power Supply	AC110~220V, 50/60Hz
External Size(L*W*H)	450*640*400mm
Package Size(L*W*H)	530*700*480mm
Net Weight	50kg
Gross Weight	65kg

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)	Adapter
No.1	Swing Rotor Support	4*500ml	/	/	/
	Hanging Cup	4*500ml	/	/	/
	Adapter	4*250ml	4000	3023	/
		4*2*100ml		3023	/
		4*100ml(▲)		3023	/
		4*100ml		3023	/
		4*3*50ml		3023	/
		4*2*50ml		3023	/
		4*50ml		2808	/
		4*4*30ml PP tube		2808	/
		4*9*15ml		2808	/
		4*8*15ml(▲)		2808	/
		4*8*15ml		2808	/
		4*12*10ml		3184	/
		4*12*5ml blood collection tube		2808	48*2ml
	Tube Rack	4*16*10ml	4000	2810	/
		4*20*7ml PP tube		3139	/
		4*24*5ml blood collection tube(106mm)		3032	96*2ml
		4*24*5ml blood collection tube(100mm)		3032	96*2ml
		4*20*5ml blood collection tube(106mm)		3050	80*2ml
		4*24*2ml blood collection tube		2585	/
		4*20*2ml blood collection tube(80mm)		3050	/
		4*25*1.5ml		2808	/
No.2	Swing Rotor Support	4*250ml	/	/	/
	Hanging Cup	4*250ml	/	/	/
	Adapter	4*1*100ml	4000	2379	/
		4*1*50ml		2379	/
		4*9*10ml		2379	/
	Tube Rack	4*4*50ml	4000	3500	/
		4*2*50ml(▲)		3023	/
		4*20*5ml		3139	/
		4*18*5ml blood collection tube(L106mm)		2808	72*2ml
		4*12*5ml blood collection tube(L75mm)		2808	/
		4*12*5ml blood collection tube(L100mm)		2808	48*2ml
		4*12*5ml blood collection tube(L106mm)		2808	48*2ml
		4*10*5ml blood collection tube(L106mm)		2808	40*2ml
No.3	Microplate Rotor	2*2*96well	4000	2300	/

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube

Automatic Uncovering Centrifuge



Introduction:

Vacuum-collecting vessels are widely used in hospitals at all levels when collecting blood samples. After blood centrifugation, the cap must be removed manually, which is inefficient. The shaking may cause the blood to remix and increase the risk of infection. In this regard, the automatic hat centrifuge is a set of hat, centrifuge completed at a time, effectively improve the work efficiency, reduce the labor intensity of medical staff, Eliminate the risk of potential biological contamination by manually opening the cover to the medical staff.

Features:

- * 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 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.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-AU4A
Max. Capacity	48*7ml
Max. Speed	4000rpm
Max. RCF	2952×g
Speed Precision	±10rpm
Timing Range	1s-99h59min/Continuous/Short-spin
Noise	≤65dB(A)
Consumption	500W
Power Supply	AC220V, 50/60Hz or 110V, 50/60Hz
External Size(W*D*H)	440*580*370mm
Package Size(W*D*H)	596*736*650mm
Net Weight	41kg
Gross Weight	55kg(220V), 60kg(110V)

Rotor:

NO.	Rotors Type	Max. Capacity	Max. Speed	Max. RCF
5M00046	Swing Rotor	48*2/3/4/5/7ml(vacuum blood collection tube)	4000rpm	2952×g

Gel Card Centrifuge



Introduction:

Gel card centrifuge is a special centrifuge developed by our company for blood group serology, routine blood group detection, microcolumn gel, red blood cell washing, immune detection and other tests. Precise control and easy to use. It is suitable for the separation of blood, organisms, chloroplasts, protein nucleic acids, viruses, etc. in biology, chemistry, medicine, genetics, hospitals, and laboratories.

Features:

- * The whole machine adopts steel structure and stainless steel centrifugal chamber.
- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, smooth operation.
- * Push-button programming design, digital tube display, real-time display of all operating parameters, intuitive and simple operation.
- * Alarm monitoring function, real-time monitoring of lock and motor status, safe and reliable operation.
- * Centrifugal speed, centrifugal time and other parameters can be set, and real-time display of centrifugal force.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL4G
Max. Speed	4000rpm
Max. RCF	2039×g
Max. Capacity	24 cards
Timing Range	1s-99min
Speed Precision	±10rpm
Noise	≤65dB
Consumption	150W
Power Supply	AC220V, 50/60Hz or 110V, 50/60Hz
External Size(L*W*H)	360*445*278mm
Package Size(L*W*H)	476*566*436mm
Net Weight	22kg
Gross Weight	26kg

Rotor:

NO.	Rotors Type	Max. Capacity	Max. Speed	Max. RCF	Adapter
4M0011	Gel card Rotor	12 cards	4000rpm	1825×g	/
4M0012		24cards	3000rpm	1459×g	
4M0016	Angle Rotor	12*5/7ml	4000rpm	1681×g	2/3/4mlvacuum blood collection tube
4M0017		30*5/7ml	4000rpm	2039×g	
4M0020	Capillaries Rotor	24 capillaries	4000rpm	1580×g	/

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube

Gel Card Centrifuge



Application:

The machine uses brushless DC maintenance-free motor drive, microcomputer control, door cover protection, make your operation safer, more convenient, more reliable. It can be widely used in the separation of particles with different densities in scientific research laboratories and production units such as radioimmunity, biochemistry and pharmacy.

Features:

- * With continuous, instantaneous, jog centrifugal function.
- * Adopt microcomputer processor for precise control, easy to operate, and the LCD screen displays various operating parameters in real time.
- * The instrument is equipped with a special step separation technology, and different gradients can be designed according to different reagent requirements.
- * Built-in a variety of conventional centrifugation work programs, and customers can program the centrifugation program by pressing the button.
- * Adopt large torque brushless DC motor, easy to operate, no dust, fast lifting speed.
- * Electronic smart door lock: with system self-check protection system, safe and reliable, easy to operate.

Technical Parameters:

Model	BKC-TLCT4Y
Max. Speed	4000rpm
Max. RCF	2250×g
Max. Capacity	24 cards
Timing Range	1s~999min
Speed Precision	±20rpm
Noise	≤60dB
Consumption	200W
Power Supply	AC110~220V, 50/60Hz
External Size	480*358*270mm
Package Size	610*500*510mm
Net Weight	17kg
Gross Weight	30kg

Rotor:

NO	Rotor Type	Max. Capacity	Max. Speed	Max. RCF	Adapter
1	Angle Rotor	12*5ml	4000rpm	2250×g	12*2ml
2		30*5ml	4000rpm	2250×g	30*2ml
3	Gel Card Rotor	12 cards	4000rpm	1480×g	/
4		24 cards	4000rpm	2120×g	/

Immune Blood Centrifuge



Introduction:

BKC-TB4G can be used for lymphocyte washing in HLA examination, erythrocyte washing in freezing test, etc. It is a special centrifuge developed for experiments such as erythrocyte washing and immunological detection.

Features:

- * SERO rotor and HLA rotor centrifugation procedures were standardized.
- * Set one-key quick switch function for SERO rotor and HLA rotor.
- * Large torque brushless DC motor, maintenance-free, dust-free, fast lifting speed.
- * Microcomputer processor precise control, TFT color LCD real-time display of all operating parameters.
- * 3 sets of working procedures, can be quickly invoked and changed.

Technical Parameters:

Model	BKC-TB4G
Max. Speed	4000r/min
Max. RCF	2000×g
Max. Capacity	12*7ml
Timer Range	1s~999min
Noise	≤55dB(A)
Consumption	200W
Power Supply	Standard: AC220V, 50/60Hz Optional: AC110V, 50/60Hz
External Size(L*W*H)	480*358*270mm
Package Size(L*W*H)	595*485*495mm
Net Weight	16kg
Gross Weight	34kg

Rotor:

Rotor	Max. Speed	Max. Capacity	Max. RCF	Use
Red blood cell cleaning rotor / SERO	3000rpm	12*7/5ml (Φ10-13*65-100mm)	1000×g	Blood type determination, blood cell agglutination
				Cross-fit experiment, anti-globulin experiment
				Blood cell cleaning, serum and plasma extraction
Lymphocyte cleaning rotor /HLA	4000rpm	12*(0.2-1.5)ml	2000×g	Isolation: lymphocyte cultured cells
				Platelet Lymphocyte cleaning

Immune Blood Centrifuge



Introduction:

BKC-TL4Ce can be used for lymphocyte washing in HLA examination, erythrocyte washing in freezing test, etc. It is a special centrifuge developed for experiments such as erythrocyte washing and immunological detection.

Features:

- * SERO rotor and HLA rotor centrifuge procedures are standardized and can be easily invoked.
- * With special red blood cells to clean SERO rotors, lymph cells to clean HLA rotors, easy to install.
- * The rotor sleeve contains a clamp, which is convenient for the test tube to fit tightly with the rotor, and the centrifugal effect is better.
- * Can store multiple groups of user-defined programs, easy to call common programs, boot for the last program.
- * Food-grade silicone integral sealing ring to avoid aerosol spill and ensure the safety of staff.
- * Alarm detection function, real-time detection of door lock and motor status, safe and reliable operation.
- * Microcomputer control, DC brushless motor drive, large torque, no toner pollution, maintenance-free.
- * Multi-stage centrifugation/conventional centrifugation mode, can be switched at will; Can be set up 5 stage multi-stage centrifugation, to meet a variety of needs.
- * There are more than 30 user-defined program groups for separating and cleaning lymphocytes for HLA tests, all in one machine.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL4Ce
Max. Speed	4040rpm
Max. RCF	2147×g
Max. Capacity	12*15ml
Speed Precision	±10rpm(±1%)
Timing Range	1s~99min
Noise	≤62dB
Consumption	150W
Power Supply	AC220V, 50/60Hz or 110V, 50/60Hz
External Size(L*W*H)	340*430*278mm
Package Size(L*W*H)	476*566*436mm
Net Weight	20kg
Gross Weight	24kg



Lymphocyte Washing
Rotor HLA



Erythrocyte Washing
Rotor SERO



12*10ml

Rotor:

Rotors Type	Max. Capacity	Program group	Max. Speed	Max. RCF	Centrifugal time	Use
Lymphocyte Washing Rotor HLA 4M0015	12*(0.2~1.5)ml	E	4040rpm	2000×g	180s	Lymphocyte isolation, culture cell isolation
		F	2860rpm	1000×g	3s	Removal of platelets (thrombin treatment)
		G	2860rpm	1000×g	60s	The cleaning of lymphocytes
Red Blood Cell Washing Rotor SERO	12*7/5ml (φ10~13*65~100mm)	H	2120rpm	500×g	60s	Blood group determination, hemagglutination reaction observation
		I	3000rpm	1000×g	15s	Cross fit test, antiglobulin test
		J	3000rpm	1000×g	60s	Blood cell cleaning, serum and plasma extraction
Angle Rotor 4M0008	12*10ml	/	4000rpm	2147×g	/	1.5ml, 2/34mlvacuum blood collection tube

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube

Table Top Low Speed Centrifuge (CGF)

Features:

- * Comes with dedicated CGF program
- * Small size, safe and reliable, easy to use
- * The body is made of high-quality plastic material and explosion-proof protection
- * 10 lifting speeds to choose from, fast lifting speed
- * Adopts DC brushless motor, stable operation, small vibration and low noise
- * Button programming design, can display operating parameters in real time, more intuitive operation
- * Can set centrifugal speed, time, lifting speed gear, and check centrifugal force at any time
- * Ultra-low noise, microcomputer control, intelligent interface, fault display, door cover, overspeed and other automatic protection functions



Technical Parameters:

Model	BKC-TL4CII
Max. Speed	4000rpm
Max. RCF	1880×g
Max. Capacity	8*20ml
Speed Precision	±20rpm
Time Range	1s-99min
Power Supply	AC110V-220V, 50/60Hz
Consumption	65W
Noise	≤55dB(A)
External Size(L*W*H)	317*275*210mm
Package Size(L*W*H)	380*330*270mm
Net/Gross Weight	6kg/7.5kg

Rotor:

No.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)
No.1	Angle Rotor	8*20ml	4000	1880
No.2		8*15ml	4000	1840

Note: The default is round-bottom tube

Program Selection:

Program	CGF	A-PRF	I-PRF	PGRF
Speed(rpm)	2600	2300	2600	2850
Centrifuge Time(min)	2	4	4	3

Table Top Low Speed Centrifuge (CGF)

Features:

- * Designed for oral clinical and cosmetic fields, it has good vibration reduction effect due to the use of special vibration dampers.
- * 4 centrifugal programs are preset, and users can call them with one key and store multiple user-defined programs, which is convenient for calling common programs and starting the machine with the last program.
- * Food-grade silicone integral sealing ring to prevent aerosol spillage and ensure the safety of staff.
- * Alarm detection function, real-time detection of door locks and motor status, safe and reliable operation.
- * Microcomputer control, DC brushless motor drive, large torque, fast lifting speed, no carbon powder pollution, maintenance-free.
- * Simple shape, with the advantages of small size, low noise, small temperature rise, high efficiency, safety and reliability.
- * Optional automatic rotor recognition.



Technical Parameters:

Model	BKC-TL4V
Max. Speed	4000rpm
Max. RCF	2250×g
Max. Volume	12*20ml
Timing Range	1s-99min
Speed Accuracy	±10 r/min
Noise	≤60dB
Power Supply	AC220V, 50/60Hz(standard); AC110V, 50/60Hz(optional)
External Size(L*W*H)	340*430*278mm
Packing Size(L*W*H)	476*566*436mm
Net Weight	20kg
Gross Weight	24kg

Rotor:

Rotor NO.	Max. Capacity	Max. Speed(r/min)	Max. RCF(×g)	Adapters
4M0016	12*5/7ml	4000	1681	2/3/4ml vacuum blood tube
4M0017	30*5/7ml		2039	
4M0018	6*10ml		1880	1.5/2ml, 2/3/4ml vacuum blood tube
4M0006	24*10ml		1880	
4M0005	8*15ml		1700	10ml, 5ml, 1.5/2ml
4M0004	12*15ml		2147	
4M0019	8*20ml		1840	
4M0003	12*20ml		2250	

Program Selection:

Speed Shift Program Group	A			
Speed Shift Program	CGF-S1	CGF-S1	CGF-S1	CGF-S1
Speed (r/min)	2000	2300	2600	2850
Centrifuge Time (min)	2	4	4	3
Fixed Speed Program Group	b c d			
Fixed Speed Program	A-PRF-S2	I-PRF-S3	PGRF-S4	
Speed (r/min)	2450	2850	3100	
Centrifuge Time (min)	4	4	3	

PRP Centrifuge



Features:

- * Suitable for all specifications of routine blood vessel sampling, disposable syringe 10ml, 20ml, 50ml.
- * The rotor is equipped with a biosafety cover, which is made of high-strength aluminum alloy and can be disinfected at high temperature and pressure.
- * All-metal structure multi-layer explosion-proof design, stainless steel centrifugal chamber, safe operation performance, ultra-stable, durable, to ensure the safety of staff.
- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, combined with multi-stage shock absorption structure, more smooth operation.
- * Using 5-inch touch LCD screen, support Chinese and English switching function, support small language customization, real-time display running all parameters, the operation interface is intuitive and simple.
- * Mechanical and electrical integration door lock, easy to use, safe and reliable.
- * Food-grade silicone integral sealing ring is used to avoid aerosol spill and ensure the safety of staff.
- * With self-test, door cover, blocking, overspeed, overtemperature detection and alarm functions, excellent shock absorber, the motor runs smoothly.
- * Can store more than 100 groups of user-defined programs, easy to call common programs, boot for the last program.
- * 20 kinds of lifting speed to choose from, the lifting speed is fast.
- * The main interface of the display screen can be set to speed centrifugation or start centrifugation, the time setting range can be set mm:ss or hh:mm, and the automatic cover opening/no cover opening function can be set to meet a variety of test requirements.
- * Precision control by microcomputer processor, real-time display of speed, time, RCF (relative centrifugal force) and other parameters.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL5BI
Max. Speed	5000rpm
Max. RCF	3849×g
Max. Volume	4*50ml
Timing Range	1min~99h59min/Continuous/Short-span
Speed Accuracy	±10rpm
Noise	≤85dB
Power Supply	AC220V, 50/60Hz(standard); AC110V, 50/60Hz(optional)
External Size(L*W*H)	440*580*370mm
Package Size(L*W*H)	596*736*650mm
Net Weight	41kg
Gross Weight	55kg(220V), 60kg(110V)

Rotor:

Rotor NO.	Rotor Type	Max. Capacity	Max. Speed(r/min)	Max. RCF(×g)	Adapters
5M00060	PRP Rotor	4*10ml Conventional Syringe	4300	3401	/
5M00061		4*20ml Conventional Syringe	4300	3649	/
5M00035		4*50ml Conventional Syringe	4000	3309	/
5M00074	Angle Rotor	6*15/20ml	5000	2655	1.5/2ml
5M00073		12*15ml		3354	1.5/2ml, 2/3/4ml vacuum blood tube
5M00075		24*10ml			
5M00076		18*10ml			
5M00077		12*10ml			

Note: The default is round-bottom tube, except for the PRP rotor.

Blood Bag Centrifuge



Introduction:

The blood centrifuge is large capacity low speed refrigerated centrifuge, a ideal equipment suitable for blood stations, hospitals at all levels, biochemistry, biological products and other production and scientific research units to use for blood separation, protein precipitation, cell separation and collection.

Features:

- * High power AC frequency conversion motor direct drive, high precision, low noise, long service life.
- * Integral metal structure with multi-layer explosion-proof design, stainless steel centrifugal chamber combined with multi-stage shock absorption structure, to ensure the stable running and the safety of staff.
- * Adopt high efficiency and environmental protection refrigeration system, precise temperature control, no environmental pollution.
- * Microcomputer control, large color display. Programs can be compiled and stored, and speed, centrifugal force, time can be displayed at the same time.
- * 10 kinds of speed curves, 30 kinds of free programs can be variable and stored to meet different experimental needs.
- * Tri-grade adjustable damper, centrifugal effect to achieve the best, with electronic door lock, over-speed, over-temperature, automatic fault diagnosis function, multiple protection to ensure man-machine safety.
- * Equipped with a variety of rotors and adapters, 0.5-500ml adapters can be customized according to different experiments.
- * It can centrifuge 8*200ml or 4*400~500ml blood bags at one time.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-VL8RD
Max. Speed	7000rpm
Speed Accuracy	±20 rpm
Max. RCF	10956×g
Max. Volume	4*1200ml
Refrigeration System	CFC-free compressor
Timing Range	0~99min59s
Temp. Range	-20℃~+40℃
Temp. Accuracy	±1℃
Noise	≤60dB
Power Supply	AC220V/50Hz(Standard); AC110V/60Hz(Optional)
Rated Power	1500W
External Size(L*W*H)	670*820*900mm
Package Size(L*W*H)	Main instrument: 920*760*1100mm Rotor: 600*600*320mm
Net Weight	210kg
Gross Weight	Main instrument: 250kg(220V), 260kg(110V) Rotor: 25kg



Rotor:

NO.	Type	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)
NO.8D001	Angle Rotor	4*500ml	7000	8897
	Adapter	4*100ml		
	Adapter	4*3*50ml		
	Adapter	4*8*15/10ml		
NO.8D002	Angle Rotor	18*50ml	7000	7121
	Adapter	18*15ml		
	Adapter	18*10ml		
	Adapter	18*3*1.5ml		
NO.8D003	Angle Rotor	32*15ml	7000	7300
NO.8D004	Swing Rotor	4*1000ml	4000	3989
	Adapter	4*26*2~5ml		
	Adapter	4*15*15~10ml		
	Adapter	4*5*50ml		
NO.8D005	Swing Rotor	4*1200ml	4000	4025
	Adapter	4*400~500ml blood bag		
	Adapter	8*200ml blood bag		
	Adapter	4*3*100ml		
NO.8D006	Microplate Rotor	4*2*96well	4000	2952
	Adapter	4*32*1.5ml		
NO.8D007	Angle Rotor	4*300ml	6000	5390
NO.8D008	Angle Rotor	6*300ml	6000	5660
NO.8D009	Swing Rotor	6*500ml	4000	3400

Blood Bag Centrifuge



Features:

- * Beautiful appearance, the whole machine body is made of high-quality steel structure, with built-in fine steel explosion-proof protective inner sleeve, three-layer protection, safe and reliable.
- * The maintenance-free variable frequency motor and flexible shaft drive system are used to directly drive the rotor, combined with a multi-stage shock absorption structure, so that the whole machine runs more smoothly, with less vibration and lower noise.
- * Imported compressor unit, double-cycle refrigeration, strong heat exchange capacity, more accurate temperature control, and fluorine-free refrigerant are used to protect the environment.
- * The control uses a microcomputer processor to more accurately control parameters such as speed, temperature, and time.
- * 10 groups of user-defined programs can be stored, which is convenient for calling common programs, and the last program is used when starting.
- * There are 10 lifting and lowering rates to choose from to meet various test needs.
- * The mechatronic self-priming door lock can easily open and close the cover with one hand, reducing the labor intensity of the operator.
- * It has multiple real-time monitoring functions such as self-inspection, door cover, imbalance, overspeed, and overtemperature to protect personnel safety.
- * The rotor body is made of national aviation standard aluminum material 7075-T6, which is processed and formed after forging and A-level deep flaw detection, and passes static balance test and dynamic balance test, making the rotor safer and more reliable. Combined with three-level vibration reduction, the centrifugal effect is optimal.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-VL8RD-I
Max Speed	8000r/min
Max RCF	14900×g
Max Volume	6*2400ml
Refrigerated System	CFC Compressor
Timing Range	1s~99h59min
Temperature Range	-20℃~+40℃
Speed Accuracy	±20 rpm
Temperature Accuracy	±1℃
Noise	<58dB
Rated Power	7000W
Power Supply	AC220V/50Hz(Standard); AC110V/60Hz(Optional)
External Size(L*W*H)	960*845*970mm
Package Size(L*W*H)	Main instrument: 1120*930*1350mm; Rotor: 778*778*470mm
Net Weight	515kg
Gross Weight	Main instrument: 600kg(220V), 610kg(110V); Rotor: 67kg



6*1000ml



6*2*1000ml



6*2400ml

Rotor:

NO.	Rotor	Max. Capacity	Max. Speed(rpm)	Max. RCF(×g)
NO.81001	Angle Rotor	6*1000ml	8000	14900
NO.81002	Swing Rotor	6*2400ml	4000	5330
	Adapter	24*200ml or 12*400/500ml Blood bag		
NO.81003	Swing Rotor	6*2*1000ml	4000	5800