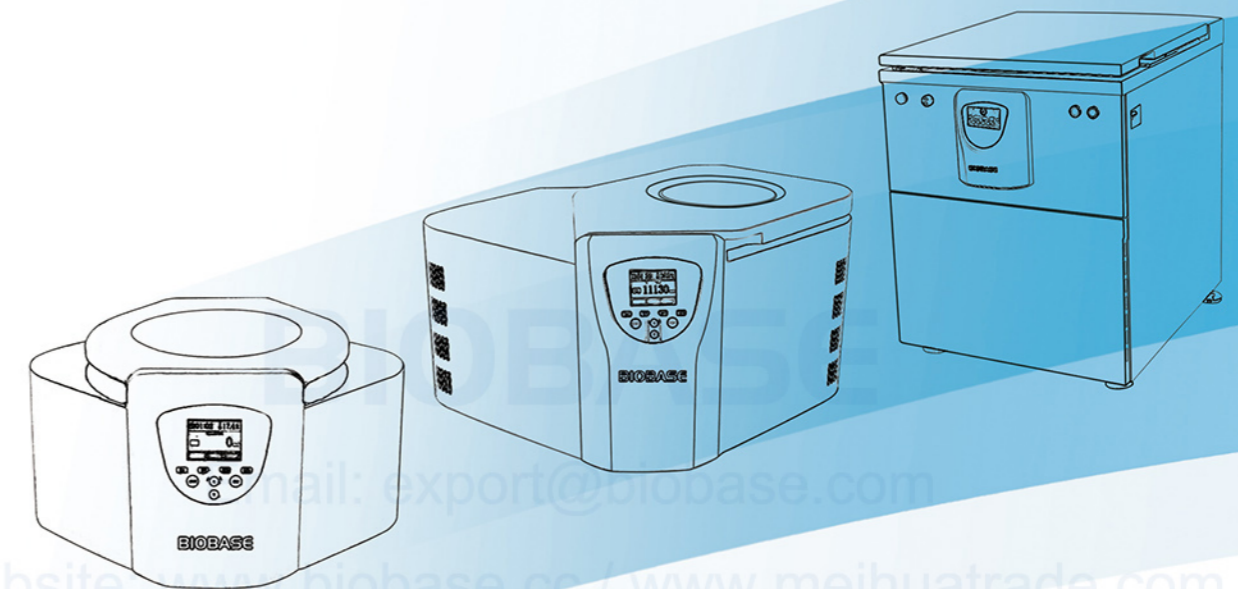


BIOBASE®

Centrifuge



BIOBASE

Email: export@biobase.com

Website: www.biobase.cc / www.meihuatrade.com

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



BIOBASE CHINA



BIOBASE CHINA



BIOBASE CHINA

Version 2022

About Us

Founded in 1999, having over 5000 employees (Till May, 2021), 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.

Content

Mini Centrifuge-----01

Mini Centrifuge
Single Speed Mini Centrifuge
Mini High Speed Centrifuge

Low Speed Centrifuge-----04

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

High Speed Centrifuge-----30

Micro High Speed Centrifuge & Table Top High Speed Centrifuge
Large Capacity High Speed Refrigerated Centrifuge
Table Top High Speed Refrigerated Centrifuge
High Speed Refrigerated Centrifuge

Other specific Function Centrifuge-----52

Hematocrit Centrifuge
Table Top Dairy Centrifuge
Automatic Uncovering Centrifuge
PCR Centrifuge & Gel Card Centrifuge
Blood Centrifuge & Blood Bag Centrifuge
Crude Oil Centrifuge & PRP Centrifuge



Mini Centrifuge

- * Mini Centrifuge
- * Single Speed Mini Centrifuge
- * Mini High Speed Centrifuge

Mini Centrifuge



Rotor

Application:

The mini centrifuge is used for serum extraction from whole blood, supernate extraction from different samples, micro blood cell separation, bio-sample treatment, samples quick sedimentation and PCR sample treatment.

Features:

- * Timing function.
- * Rotor with 8 positions.
- * Completely transparent cover.
- * Humanization design, switch control for cover.
- * Auto stop working when cover opens during running and restart running after cover closed.
- * Convex type switch, easy to use.
- * Low noise, stable running.
- * Long life, reliable motor.
- * Unique rotor clip design, easy to install and replace.

Technical Parameters:

Model	Mini-10K	Mini-10K+
Max. Speed	10000rpm	3000-10000rpm
Max. RCF	5400xg	500-5400xg
Rotor	8*2.0ml/1.5ml/0.5ml (0.5ml adaptor); 2*8*0.2ml PCR centrifugal tube	
Noise	≤55dB	
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)mm	180*160*121	
Package Size(W*D*H)mm	280*220*200	
Net/Gross Weight(kg)	1.4/3	

Single Speed Mini Centrifuge



Application:

The mini centrifuge is used for serum extraction from whole blood, supernate extraction from different samples, micro blood cell separation, bio-sample treatment, samples quick sedimentation and PCR sample treatment.

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



Technical Parameters:

Model	Mini-12	Mini-7	Mini-5
Max Speed	12000rpm	7000 rpm	5000 rpm
Max RCF	7776×g	2650×g	1350×g
Capacity	0.2/0.5/1.5/2.0ml*8; 8*4*0.2ml (PCR tube)		
Rotor	8*2/1.5ml rotor (With 0.2ml and 0.5ml adapter); 8*4*0.2ml PCR tube		
Power	110VAC 60Hz; 220VAC 50/60Hz AC110V-265V, 50/60Hz		
Consumption	30W	20W	
Noise	65dB(A)	≤45dB(A)	
External Size	178*178*115mm		
Package Size	320*250*210 mm		
Net Weight	1.3kg	1kg	
Gross Weight	2.4kg	2kg	

Mini High Speed Centrifuge



Features:

- * Speed up to 15000rpm (15100×g)
- * Brushless DC motor drive quickly to the target speed
- * Quiet working, Low noise ≤54dB
- * Cast iron chassis, low center of gravity, vacuum suction cup feet, double safety guarantee.
- * Wide voltage design, the speed is not affected by voltage fluctuations, and the speed accuracy is high.

Technical Parameters:

Model	D2012 plus
Max. Speed	15000rpm(500-15000rpm)increment:100rpm
Max. RCF	15100×g, increment: 100×g
Speed Accuracy	±20rpm
Rotor Capacity	2mL*12
Run Time	30sec-99min/Continuous
Acceleration/Braking Time	11s↑/9s↓
Driving Motor	Brushless DC motor
Safety Devices	Door interlock; Over-speed detection; Over-temperature detection; Automatic internal diagnosis
Power	Single-phase, AC100V-240V; 50Hz/60Hz, 3A, 100W
Noise Level	≤54dB
Dimension (D*W*H)	255*245*140mm
Package Size (D*W*H)	455*345*250mm
Gross Weight	6.54kg
Other Functions	Speed/RCF switch; Short-time run function; Sound-alert function; Running process display

Standard Outfit:

Adapted Rotor

Model	A12-2P(19400010)
Max.Speed	15000rpm
Max.RCF	15100xg
Rotor Capacity	2mL*12
Rotor Material	High strength plastic
Adapted Rotor Adapter	A02P2,A05P2

Optional Accessories:

Adapted Adapter






Model	A02P2(19500001)	A05P2(19500002)
Descriptions	0.2ml rotor adapter for A12-2,A12-2P, AS24-2 andA24-2P rotors,24pcs/pk	0.5ml rotor adapter for A12-2,A12-2P, AS24-2 andA24-2P rotors,24pcs/pk






Low Speed Centrifuge

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

- * Low Speed Refrigerated Centrifuge
- * Table Top Low Speed Refrigerated Centrifuge
- * Low Speed Large Capacity Refrigerated Centrifuge

Low Speed Centrifuge(economical type)

Introduction	Picture	Technical Parameters
Model: LC-HD Handle-centrifuge can use for chemical, biological laboratories and hospital laboratories.		Capacity: 4*15ml Packing size: 210*100*50mm Gross weight: 1.6kg
Model: LC-4KII It can be used for qualitative analysis and in biochemistry labs.		Max. speed: 4000rpm, step adjusted speed Capacity: 20ml*6 Max. RCF: 1790xg Timing: 0~30min Power supply: AC110/220V, 50/60Hz Packing size: 290*290*260mm Gross weight: 3.6kg
Model: LC-H4KII It can be used in hospital, biochemistry lab, making determination and analyzing to blood serum and blood plasma immunity.		Speed range: starting~4000rpm Capacity: 18*15ml Timing range: 0~30min Max. RCF: 2325xg Mechanical lock Power supply: AC110/220V, 50/60Hz Packing size: 340*350*330mm Gross weight: 10kg
Model: LC-4KA It can be used in hospitals and biochemical labs for qualitative analysis of serum, urea and plasma. Frame material: high strength plastic with door switch		Max. speed: 4000r/min Capacity: 8*20ml Max. RCF: 2325xg Timing range: 0~30min With mechanical lock Power supply: AC110/220V, 50/60Hz Packing size: 340*350*330mm Gross weight: 10kg
Model: LC-4K-2 It can be used to make qualitative analysis and biochemistry labs widely.		Max. speed: 4000rpm, step adjusted speed Capacity: 12*20ml Max. RCF: 2325xg Time range: 0~30min With safety switch Power supply: AC110/220V, 50/60Hz Packing size: 340*370*290mm Gross weight: 10kg

Introduction	Picture	Technical Parameters
Model: LC-5K It has steady performance. It has the characteristics of large capacity, low noise, low temperature rise, beautiful appearance. It covers a wide range of application in scientific research institute of biology, chemistry, medicine, pharmacy, food and environment protection. This model also is good to separate plasma or other suspension liquid.		Max. speed: 5000rpm Max. RCF: 3600xg Capacity: 12*20ml Time range: 0~30min Power supply: AC110/220V, 50/60Hz Packing size: 340*350*330mm Gross weight: 10kg
Model: LC-4KB Application: hospitals and biochemical labs for qualitative analysis of serum, urea and plasma. Frame material: high strength plastic. Door switch		Max. speed: 4000rpm Max. RCF: 2325xg Capacity: 12*20ml Time range: 0~30min Power supply: AC110/220V, 50/60Hz Packing size: 340*350*330mm Gross weight: 10kg
Model: LC-4KC Application: scientific research institute of biology, chemistry, medicine, pharmacy, food and environment protection. This model also is good to separate plasma or other suspension liquid. Steady performance; Microprocessor control; Driven by brushless motor and easy to operate; With mechanical lock.		Max. Speed: 4000rpm Max. RCF: 2325xg Angle rotor capacity : 20ml*12 Time range: 0~99min Power supply: AC110/220V, 50/60Hz Packing size: 340*350*330mm Gross weight: 10kg
Model: LC-T4K Application: hospital, bio-chemistry lab, making determination and analyzing to blood serum and so on. With safety switch		Speed range: starting~4000rpm Capacity: 8*20ml Timing range: 0~30min Max. RCF: 2325xg Power supply: AC110/220V, 50/60Hz Packing size: 340*370*290mm Gross weight: 10kg
Model: LC-H4K Application: hospital, bio-chemistry lab, making determination and analyzing to blood serum and so on. With mechanical lock		Speed range: starting~4000rpm Capacity: 12*10ml Clocking range: 0~30min Centrifugal force: 2325*g Power supply: AC110/220V, 50/60Hz Packing size: 340*350*330mm Gross weight: 10kg

Note: In the above parameters, 20ml/15ml represents the volume of the centrifuge adapter.

Centrifuge Adapter:

Capacity	20ml	15ml
Max. Insert Size (mm)	φ 18.5*113	φ 12.6*100
Insert Vacuum Tube	15/10/5ml	5ml

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, pharmacy and so on.

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.
- * Equipped with a variety of Angle rotors, to meet different test requirements, a multi-purpose machine.

Technical Parameters:

Model	BKC-TL4B
Max. Capacity	6*50ml
Max. Speed	4000rpm
Max. RCF	2250×g
Timing Range	1~99min
Speed Precision	±2%
Noise	≤65dB
Consumption	150W
Power Supply	AC110/220V, 50/60Hz
External Size(L*W*H) mm	450*370*280
Net Weight(kg)	18
Package Size(L*W*H) mm	470*400*375
Gross Weight(kg)	22



Rotor:

No.	Rotor	Capacity
4M0001	Angle Rotor	6*50ml
	Adapter	6*20ml, 6*15ml, 6*10ml, 6*5ml, 6*1.5ml
4M0002	Angle Rotor	4*50ml
	Adapter	4*20ml, 4*15ml, 4*10ml, 4*5ml, 4*1.5ml
4M0003	Angle Rotor	12*20ml
	Adapter	12*15ml, 12*10ml, 12*5ml, 12*1.5ml
4M0004	Angle Rotor	12*15ml
	Adapter	12*1.5ml
4M0005	Angle Rotor	8*15ml
	Adapter	8*1.5ml
4M0006	Angle Rotor	24*10ml
	Adapter	24*1.5ml
4M0007	Angle Rotor	18*10ml
	Adapter	18*1.5ml
4M0008	Angle Rotor	12*10ml
	Adapter	12*1.5ml
4M0009	Angle Rotor	12*1.5ml/2ml
	Adapter	12*0.5ml, 12*0.2ml

Table Top Low Speed Centrifuge



Introduction:

BKC-TL4MII is a microcomputer controlled desktop low-speed automatic balancing centrifuge. It has a steel body with plastic-sprayed surface, so it has good rigidity, high strength, novel shape, beautiful appearance, low noise, low temperature rise, safety and reliability.

This machine adopts DC brushless maintenance-free motor drive, microcomputer control, door cover protection, make your operation more safe, more convenient, more reliable.

Application:

It can be widely used in the separation of particles of different density in scientific research laboratories and production department such as radioimmunity, biochemistry and pharmacy.

Features:

- * It can store 20 programs, automatic memory from the last running programs.
- * Power failure self-recovery, improve efficiency.
- * The program is adjustable during running, convenient and fast.
- * Adjustable acceleration levels: 16, deceleration levels: 16.
- * It has continuous, instantaneous, point operation modes.
- * LCD display, real-time display of all operating parameters.
- * Program memory function, automatic memory of the last running parameters.
- * English and Chinese could be change freely.

Technical Parameters:

Model	BKC-TL4MII
Max. Speed	4000rpm
Max. RCF	2250xg
Max. Capacity	4*100ml
Speed Precision	±1% or 20rpm
Time Range	1s~999min
Power Supply	AC 110/220V ,50/60Hz
Consumption	250W
Noise	≤65dB
External Size(L*W*H)mm	430*350*270
Package Size(L*W*H)mm	490*410*330
Net Weight/Gross Weight(kg)	18/22



Website: www.biobase.com / www.msihuatrade.com

Rotor:

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

Table Top Low Speed Centrifuge



- Introduction:**
 BKC-TL5M centrifuge is a desktop low-speed multi-rotor centrifuge.
- Application:**
 It is often used for separating serum, plasma, precipitated protein or urine sediment examination.
- Features:**
- * It can store 20 programs, automatic memory from the last running programs.
 - * Power failure self-recovery, improve efficiency.
 - * The program is adjustable during running, convenient and fast;
 - * Adjustable acceleration levels: 10, deceleration levels: 10.
 - * Large torque frequency conversion motor direct drive, no carbon powder pollution, maintenance free, long service life.
 - * OLED LCD digital display, real-time display of all operating parameters.
 - * Multi-stage shock absorption, overspeed, unbalanced, door cover multiple protection, fault self-inspection, safe and reliable.
 - * Program memory function, automatic memory of the last running parameters,
 - * English and Chinese could be change freely.
 - * Centrifugal complete automatic door opening and remind.

Technical Parameters:

Model	BKC-TL5M
Max. Speed	5000rpm
Max. Capacity	4*500ml
Max. RCF	4390xg
Temp. Range	Normal Temperature
Speed Precision	±1%rpm or ±20rpm
Time Range	1~999min
Noise	≤65dB
Power Supply	AC 220±10%V ,50/60±10%Hz
Consumption	550W
External Size(L*W*H)mm	620*450*350
Net Weight/Gross Weight(kg)	45/60

Rotor:

No.	Rotor	Capacity	Max.Speed(rpm)	Max.RCF(xg)
No.1	Swing Rotor	4*500ml cup	4000	3580
	Adapter	4*9*15ml		
		4*12*5ml vacuum tube (L106mm)		
		4*1*100ml (▲)		
		4*1*250ml		
		4*8*15ml (▲)		
		4*1*50ml		
		4*1*100ml (●)		
		4*2*50ml; 4*3*50ml; 4*2*100ml		
		4*4*30ml (●) PP tube		
		4*8*15ml; 4*12*10ml; 4*250ml		
No.2	Swing Rotor	4*500ml Support	/	3500
	Tube Rack	4*20*2ml vacuum tube (L80mm)		
		4*20*5ml vacuum tube (L106mm)		
		4*24*2ml vacuum tube		
		4*24*5ml vacuum tube (L75mm)		
		4*24*5ml vacuum tube (L100mm)		
		4*24*5ml vacuum tube (L106mm)		
		4*20*7ml PP transparency tube		
		4*16*10ml		
		4*25*1.5ml		
No.3	Swing Rotor	4*250ml cup	5000	4390
	Adapter	4*2*50ml		
		4*9*10ml		
		4*1*50ml		
		4*1*100ml		
No.4	Swing Rotor	4*50ml PRP cup	4000	3200
No.5	Swing Rotor	4*250ml Support	/	3500
	Tube Rack	4*2*50ml (▲)		
		4*4*50ml		
		4*10*5ml vacuum tube (L106mm)		
		4*12*5ml vacuum tube (L75mm)		
		4*12*5ml vacuum tube (L80mm)		
		4*12*5ml vacuum tube (L100mm)		
		4*12*5ml vacuum tube (L106mm)		
		4*18*5ml vacuum tube (L106mm)		
		4*20 *5ml		
No.6	Microplate Rotor	2*2*96well		2300
No.7	Angle Rotor	4*50ml	5000	2520
No.8		4*100ml		2630
No.9		6*50ml		2850
No.10		8*15ml		2600
No.11		12*10ml		3080
No.12		12*15ml		
No.13		18*10ml		
No.14		24*10ml		3500

With mark(●) is round-bottom tube, with mark(▲) is sharp-bottom tube. We can do custom adapter according the user's requirements.

Table Top Low Speed Centrifuge



Introduction:
 BKC-TL6M is a microcomputer controlled desktop low speed automatic balance centrifuge, the machine for steel body, the surface of the spray processing, so it has good rigidity, high strength, and novel shape, beautiful appearance, with low noise, small temperature rise, safe and reliable advantages.
 This machine adopts DC brushless maintenance-free motor drive, microcomputer control, door cover protection, make your operation more safe, more convenient, more reliable.
Application:
 It can be widely used in the separation of particles of different density in scientific research laboratories and production department such as radioimmunity, biochemistry and pharmacy.

- Features:**
- * The whole machine adopts steel structure, stainless steel centrifugal chamber.
 - * Embedded microprocessor control, large torque AC frequency conversion motor direct drive, no carbon pollution, long service life.
 - * Provide 10 kinds of up and down rate selection mode.
 - * Digital display, real-time display of all parameters.
 - * Unbalance detection function, electronic door lock automatic switch, interlock with the motor, safe and reliable operation.
 - * Multi-layer damping structure, small vibration, low noise, environmental protection.
 - * It can set the centrifugal speed, centrifugal time and other parameters, and check the centrifugal force at any time.
 - * The use of lower exhaust design, tuyere using filter cotton adsorption, to avoid biological cross infection.
 - * Equipped with a variety of rotor for choice, according to the test needs to design a variety of adapters, multi-purpose machine.

Technical Parameters:

Model	BKC-TL6M
Max. Speed	6000rpm
Max. RCF	5310xg
Max. Capacity	2000ml
Speed Precision	±1% or 20 rpm
Time Range	0~999min
Power Supply	AC 220±10%V, 50/60Hz
Consumption	750W
Noise	≤65dB
External Size(L*W*H)mm	560*460*390
Package Size(L*W*H)mm	705*605*695
Net Weight/Gross Weight(kg)	54/70

Rotor:

No.	Rotor	Capacity	Max.Speed(rpm)	Max. RCF (xg)
No.1	Swing Rotor	4*500ml cup	4000	3580
	Adapter	4*9*15ml		
		4*12*5ml vacuum tube (L106mm)		
		4*1*100ml (▲)		
		4*1*250ml		
		4*8*15ml (▲)		
		4*1*50ml		
		4*1*100ml (●)		
		4*2*50ml; 4*3*50ml; 4*2*100ml		
		4*4*30ml (●) PP tube		
		4*8*15ml (●)		
		4*12*10ml		
		4*250ml		
No.2	Swing Rotor	4*500ml Support	4000	3500
	Tube Rack	4*20*2ml vacuum tube (L80mm)		
		4*30*5ml vacuum tube		
		4*20*5ml vacuum tube (L106mm)		
		4*24*2ml vacuum tube		
		4*24*5ml vacuum tube (L75mm)		
		4*24*5ml vacuum tube (L100mm)		
		4*24*5ml vacuum tube (L106mm)		
		4*20*7ml PP transparency tube		
		4*16*10ml		
		4*25*1.5ml		
		4*30*2ml flat tube		
No.3	Swing Rotor	4*250ml cup	5500	4390
	Adapter	4*2*50ml		
		4*9*10ml		
		4*1*50ml		
No.4	Swing Rotor	4*50ml PRP cup	5000	3200
No.5	Swing Rotor	4*250ml Support	4000	3500
	Tube Rack	4*2*50ml (▲)		
		4*4*50ml		
		4*10*5ml vacuum tube (L106mm)		
		4*12*5ml vacuum tube (L75mm)		
		4*12*5ml vacuum tube (L80mm)		
		4*12*5ml vacuum tube (L100mm)		
		4*12*5ml vacuum tube (L106mm)		
		4*18*5ml vacuum tube (L106mm)		
		4*20*5ml		
No.6	Microplate Rotor	2*2*96well	5000	2300
No.7	Angle Rotor	4*50ml		2520
No.8		4*100ml		2630
No.9		6*50ml		2850
No.10		8*15ml		2600
No.11		12*10ml		3080
No.12		12*15ml		2810
No.13		18*10ml		
No.14		24*10ml		3500

With mark(●) is round-bottom tube, with mark(▲) is sharp-bottom tube. We can do custom adapter according the user's requirements.

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, 10rpm increments, conversion of RPM/RCF.
- * Function: automatically electric lid lock, over speed, over temperature and imbalance protection, memory flashing function.
- * Alarm: over speed, rotor mounting abnormally.
- * External cold-rolled steel with powder coating, stainless steel centrifugal chamber and lid.



Technical Parameters:

Model	BKC-TL4IV	BKC-TL5VII
Max. Capacity	6*50ml	
Max. Speed	4000rpm	5000rpm
Speed Precision	±30rpm	±30rpm
Timing Range	0~99min	0~99min
Noise	≤65dB	<65dB
Consumption	250W	300W
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H)mm	330*295*255	330*295*255
Package Size(W*D*H)mm	510*420*330	510*425*330
Net/Gross Weight(kg)	20/22	20/28

Rotor:

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

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	6000rpm
Max. RCF	3800×g
Max. Capacity	4*500ml
Motor	AC frequency conversion motor
Speed Accuracy	±30r/min
Time Range	Centrifugal time:1min~99 min59sec; Continuous centrifuge: Hold
Temperature Range	-10℃~+40℃
Temperature Accuracy	±1.0℃
Power Supply	AC220±22V 50/60Hz (Standard); 110V 60Hz (Optional)
Noise	< 60dB(A)
External Size (L*D*H)	720*743*410mm
Net Weight	110kg
Package Size (L*D*H)	810*825*570mm
Gross Weight	120kg

Rotor:

No.	Rotor	Speed(rpm)	RCF (xg)	Capacity	Dimension of Tube (mm)
NO.1	Swing Rotor	4000	2810	4*2*100ml (Optional adapter)	Φ37.5*123
				4*100ml (Optional adapter)	Φ37.5*123
				4*2*50ml	Φ29*107
				4*50ml	Φ29*107
				4*8*15ml	Φ17*118
				4*6*15ml	Φ17*118
				4*4*15ml	Φ17*118
NO.2	Swing Rotor	4200	3500	4*250ml	Φ62*110
NO.3	Swing Rotor	4000	3040	4*500ml	Φ80*137
NO.4	Microplate Rotor	4000	2000	2*2*96well	Microplate
NO.5	Swing Rotor	4000	2800	4*12*7/5ml	Φ13*110
NO.6	Swing Rotor	4000	2800	4*18*7/5ml	Φ13*110
NO.7	Swing Rotor	4000	2800	4*24*7/5ml	Φ13*110
NO.8	Angle Rotor	6000	3800	6*50ml	Φ29*120
NO.9	Angle Rotor	6000	3300	12*10ml	Φ16*83

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	5310xg	6680xg
Speed Precision	±20rpm	
Temp. Range	-20~40℃	
Temp. Accuracy	±1℃	
Timing Range	0~99h59min59s	0~59h59min59s
Noise	<58dB	
Consumption	2.5KW	4KW
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	800*700*400	830*720*1250
Packing Size(W*D*H) mm	950*850*600	960*849*1420
Net Weight(kg)	110	268
Gross Weight(kg)	135	320

Rotor for BKC-VL6RLII:

No.	Rotor	Speed(rpm)	RCF(xg)	Capacity	No.	Rotor	Speed(rpm)	RCF(xg)	Capacity
No.1	Angle Rotor	6000	5650	6*300ml	No.3	Swing Rotor (round cup)	4200	5100	6*1000ml
No.2	Angle Rotor	6000	6680	6*500ml	No.4	Swing Rotor (square cup)	4200	5100	6*1000ml

Rotor for BKC-TL5RL:

No.	Rotor	Speed(rpm)	RCF(xg)	Capacity	No.	Rotor	Speed(rpm)	RCF(xg)	Capacity
No.1	Swing Rotor	5000	4390	4*100ml	No.2	Adapter	4000	3500	4*2*50ml
				4*2*100ml					4*100ml
	Tube Rack	4000	3500	4*4*10ml	No.3	Swing Rotor	4000	3580	4*500ml
				4*6*10ml					4*15*7/5ml
				4*8*10ml					4*12*10ml
				4*4*15ml					4*8*15ml
				4*6*15ml					4*4*50ml
				4*8*15ml					4*2*100ml
	Tube Rack	5000	4390	4*50ml					4*250ml
	Tube Rack	4000	3500	4*2*50ml	No.4	Swing Rotor	4000	3580	4*750ml
No.2	Swing Rotor	4000	3500	4*250ml	No.5	Swing Rotor	4000	2800	4*12*5/7ml
				4*8*5/7ml	No.6	Swing Rotor	4000	2800	4*18*5/7ml
	Adapter	4000	3500	4*8*10ml	No.7	Swing Rotor	4000	2800	4*24*5/7ml

Table Top Low Speed Large Capacity Centrifuge



Technical Parameters:

Model	BKC-TL5LII
Max. Capacity	4*750ml
Max. Speed	5500rpm
Max. RCF	5310×g
Speed Precision	±20rpm
Timing Range	0~99h59min59s
Noise	≤58dB
Consumption	2.5KW
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	460*590*420
Package Size(W*D*H) mm	750*540*470
Net Weight(kg)	45
Gross Weight(kg)	65

Features:

- * Programmable microprocessor control(AC brushless motor)
- * LCD display: speed, RCF, time, conversion of RPM/RCF
- * External cold-rolled steel with powder coating, stainless steel centrifugal chamber and lid
- * Fan-forced air circulation system for fast recovery of temperature
- * 10 procedures of adjustable speed from levels 0 to 9 and 40 kinds of self-defining modes
- * Electronic lock lid and interlock safety system. Auto lock rotor system
- * Alarm: lid open, imbalance, over speed and rotor mounting abnormally
- * Functions: RCF selection, quick run, automatic rotor recognition and backup. Electronic imbalance detection, dynamic electric brake system, inching function, short-spin function

Rotor:

No.	Rotor	Speed(rpm)	RCF(xg)	Capacity	No.	Rotor	Speed(rpm)	RCF(xg)	Capacity
No.1	Swing Rotor	5000	4390	4*100ml	No.2	Adapter	4000	3500	4*2*50ml
				4*2*100ml					4*100ml
	Swing Rotor	4000	3500	4*4*10ml	No.3	Adapter	4000	3580	4*500ml
				4*6*10ml					4*15*7/5ml
				4*8*10ml					4*12*10ml
				4*4*15ml					4*8*15ml
				4*6*15ml					4*4*50ml
				4*8*15ml					4*2*100ml
		5000	4390	4*50ml					4*250ml
		4000	3500	4*2*50ml	No.4	Swing rotor	4000	3580	4*750ml
No.2	Swing Rotor	4000	3500	4*250ml	No.5	Swing rotor	4000	2800	4*12*5/7ml
	Adapter	4000	3500	4*8*7/5ml	No.6	Swing rotor	4000	2800	4*18*5/7ml
				4*8*10ml	No.7	Swing rotor	4000	2800	4*24*5/7ml

Table Top Low Speed Centrifuge

Features:

- * Brushless motor.
- * Stainless steel chamber.
- * Can store 20 operation procedures.



Technical Parameters:

Model	BKC-TL5V	BKC-TL5VI	BKC-TL6III	BKC-TL6IV
Max. Capacity	12*15ml	4*750ml	4*100ml	4*300ml
Max. Speed	5000rpm	5500rpm	6000rpm	
Max. RCF	3031xg	5400xg	5037xg	5400xg
Speed Precision	±10rpm		±5rpm	±10rpm
Timing Range	1s~999min/continuous /short spin	1~9999min/ continuous / short spin		
Noise	≤58dB	≤65dB	≤62dB	≤65dB
Power Supply	AC110/220V, 50/60Hz			
External Size(W*D*H)mm	330*390*325	450*575*520	425*510*415	580*485*420
Package Size(W*D*H)mm	480*415*420	740*640*680	620*545*680	700*630*690
Gross Weight(kg)	30	80	50	70

Rotor for BKC-TL5V:

No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Angle Rotor	12*10ml/15ml	5000	3031

Rotor for BKC-TL5VI:

No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Swing Rotor	4*750ml	4200	3648
Adapter	4*500ml, 4*250ml, 12*100ml, 20*50ml(▲), 56*15ml/20ml(▲), 76*15ml, 96*5ml(vacuum blood collection tube), 144*5ml(immuno tubes)			
No.2	Cellular Crane Cup	148*5ml(vacuum blood collection tube)	4200	3648
No.3	Microplate Rotor	2*2*96well	5000	3530
No.4	Angle Rotor	6*50ml	5500	5400

Rotor for BKC-TL6III:

No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Swing Rotor	4*100ml	5000	4500
Adapter	4*100ml, 4*50ml, 12*10ml/15ml, 16*10ml/15ml			
No.2	Swing Rotor	4*100ml	4500	3645
Adapter	4*100ml, 8*50ml, 24*10ml/15ml			
No.3	Swing Rotor	8*100ml	4200	3175
Adapter	8*100ml, 8*50ml, 32*10ml			
No.4	Cellular Crane Cup	40*5ml	4200	3175
No.5	Angle Rotor	12*10ml/15ml	6000	5037
No.6	Microplate	2*96well	5000	3530

Rotor for BKC-TL6IV:

No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Swing Rotor	4*300ml	4500	3781
Adapter	4*250ml, 4*100ml, 12*50ml, 40*10ml(●), 28*15ml(▲), 56*5ml(vacuum blood collection tube), 76*5ml(immuno tubes)			
No.2	Swing Rotor	4*450ml	4200	3451
Adapter 1	4*250ml, 12*100ml, 16*50ml, 56*10ml/15ml(●), 40*10ml/15ml(▲), 96*5ml(immuno tubes), 68*5ml(vacuum blood collection tube)			
No.3	Angle Rotor	50ml*6	5500	5400
No.4	Angle Rotor	10ml/15ml*12	6000	5037
No.5	Microplate	2*2*96well	4000	2260

With mark(●) is round-bottom tube, with mark(▲) is sharp-bottom tube. We can do custom adapter according the user's requirements.

Table Top Low Speed Refrigerated Centrifuge

Features:

- * Microprocessor control, LED display.
- * Quiet, maintenance-free brushless drive.
- * Double Lid and Lock system.
- * RPM setting function, and short-spin function.
- * The shortest Acc/Dec time is less than 30s.
- * Pre-cooling before the rotor start and fast cooling function.
- * Acc/Dec: Choice of 15 acceleration and deceleration rates.
- * 20 programs memory for standard runs, programmability is available.
- * Easily adjust speed, RCF, time and temperature during the running without stop.
- * Automatic rotor recognition and imbalance detection, audible alarm for error and imbalance.
- * Automatic temperature compensation, to ensure that the samples do centrifugal in a safe temperature.



Technical Parameters:

Model	BKC-TL5RII
Max. Speed	5500rpm
Max. RCF	5400xg
Maximum Capacity	4*300ml
Speed Precision	±10rpm
Noise	≤60dB
Timing Range	1s~999min / continuous / short spin
Temperature Range	-20~40℃
Temperature Accuracy	±1℃
Refrigerant	R404a
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H)mm	450*575*520
Package Size(W*D*H)mm	820*740*685
Net Weight(kg)	110
Gross Weight(kg)	120

Rotor:

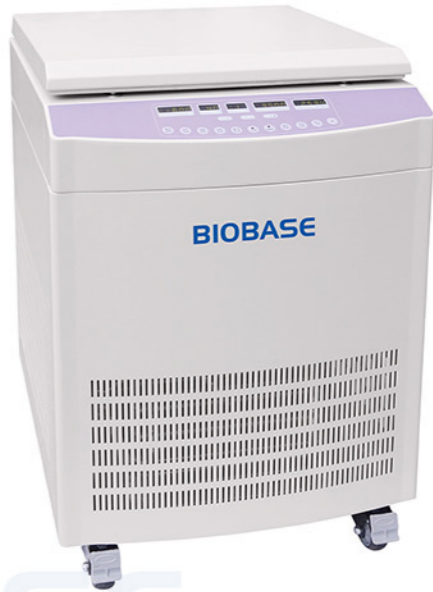
With mark (●) is round-bottom tube, with mark (▲) is sharp-bottom tube. Custom adapter according the user's requirements.

No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Swing Rotor	4*300ml	4500	3781
Adapter	4*250ml, 4*100ml, 12*50ml, 40*10ml(●), 16*15ml(▲), 56*5ml			
No.2	Angle Rotor	6*50ml	5500	5400
No.3	Microplate Rotor	4*96well	4000	2260

Low Speed Refrigerated Centrifuge

Features:

- * Microprocessor control, LED display.
- * Quiet, maintenance-free brushless drive.
- * Double Lid and Lock system.
- * 20 programs memory for standard runs, programmability is available.
- * Acc/Dec: Choice of 15 acceleration and deceleration rates.
- * RPM setting function, and short-spin function.
- * Automatic rotor recognition and imbalance detection, audible alarm for error and imbalance.
- * Easily adjust speed, RCF, time and temperature during the running without stop.
- * The shortest Acc/Dec time is less than 30s.
- * Pre-cooling before the rotor start and fast cooling function.
- * Automatic temperature compensation, to ensure that the samples do centrifugal in a safe temperature.



Technical Parameters:

Model	BKC-TL5RIII
Max. Speed	5500rpm
Max. RCF	5400xg
Maximum Capacity	4*750ml
Speed Precision	±10rpm
Noise	≤60dB
Timing Range	1s~999min / continuous / short spin
Temperature Range	-20~40℃
Temperature Accuracy	±1℃
Refrigerant	R404a
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H)mm	600*790*890
Package Size(W*D*H)mm	830*700*1080
Net Weight(kg)	120
Gross Weight(kg)	160

Rotor:

With mark (●) is round-bottom tube, with mark (▲) is sharp-bottom tube. Custom adapter according the user's requirements.

No.	Rotor	Capacity	Speed (rpm)	RCF(xg)
No.1	Swing Rotor	4*750ml	4200	3648
Adapter	4*500ml, 4*250ml, 12*100ml, 20*50ml(▲), 56*15ml/20ml(▲), 76*15ml, 96*5ml(vacuum blood collection tube), 144*5ml(immuno tubes)			
No.2	Angle Rotor	6*50ml	5500	5400
No.3	Microplate Rotor	2*2*96well	4000	2260

High Speed Centrifuge

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

- * Large Capacity High Speed Refrigerated Centrifuge
- * High Speed Refrigerated Centrifuge

Website: www.biobase.cc / www.meihuatrade.com

Website: www.biobase.cc / www.meihuatrade.com

Table Top High Speed Refrigerated Centrifuge



Introduction:

BKC - TL16RE high-speed refrigerated centrifuge uses the microcomputer control, frequency conversion brushless motor, is the separation of mixed liquid at high speed, special equipment.

Application:

It is widely used in scientific research, genetic engineering, genetics, life science, biology, chemistry, medical units, such as easy operation, fast refrigeration, less suitable for separation, centrifugal demand is high, low temperature experiment.

Features:

- * The machine adopts all steel body, stainless steel centrifugal chamber, compact structure, low noise.
- * Embedded microprocessor control, precise control of speed, time, temperature and relative centrifugal force.
- * Real-time display of all operating parameters, simple operation.
- * Equipped with door cover protection, overspeed and advanced electronic unbalance detection system, real-time monitoring of centrifuge process to ensure the safe operation of the instrument.
- * High quality rubber door seal, good sealing performance.
- * Equipped with a variety of rotors, to meet different experimental requirements, a multi-purpose machine.
- * Refrigerated centrifuge adopts well-known brand compressor and R290 refrigerant.

Technical Parameters:

Model	BKC - TL16RE
Max. Speed	16000rpm
Max. Capacity	12*10ml
Max. RCF	20878×g
Temp. Range	-20℃~40℃
Speed Precision	±1% or±30 rpm(Max)
Time Range	(1~999min)
Noise	≤65dB
External Size(L*W*H)mm	560*500*340
Power Supply	AC 220±10%V, 50±1Hz
Consumption	500W
Package Size(L*W*H)mm	660*600*560
Net Weight/Gross Weight(kg)	47/62



Rotor:

No.	Rotor	Capacity	Max.Speed(rpm)	Max.RCF(×g)
No.1	Angle Rotor	40*0.2ml	16000	19040
No.2		24*0.5 ml		18480
No.3		12*1.5./2.0 ml		17940
No.4		10*5 ml		17800
No.5		20*1.5/2 ml	14000	15580
No.6		24*1.5/2.0 ml		17950
No.7		40*0.5 ml	13000	17210
No.8		30*0.5 ml		13900
No.9		4*8*0.2ml PCR	14000	13720

Table Top High Speed Centrifuge



Features for BKC-TH16II:

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

Technical Parameters:

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

Rotor:

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

Table Top High Speed Centrifuge

Features for BKC-TH18II & BKC-TH21:

- * Double lid and lock system.
- * Quiet, maintenance-free brushless drive.
- * The shortest Acc/Dec time is less than 30s.
- * RPM setting function, and short-spin function.
- * Acc/Dec: choice of 15 acceleration and deceleration rates.
- * Easily setting and reading RCF, speed synchronize in time.
- * Double layers steel structure, anti-corrosion coating outside.
- * 20 programs memory for standard runs, programmability is available.
- * Microprocessor control, LED display: rotor model, time, RCF and speed.
- * Easily adjust speed, RCF, time and temperature during the running without stop.
- * Automatic rotor recognition and imbalance detection, audible alarm for error and imbalance.



Technical Parameters:

Model	BKC-TH18II	BKC-TH21
Max Capacity	12*10ml	6*100ml
Max Speed	18500rpm	21000rpm
Max RCF	26019xg	30409xg
Speed Precision	±20rpm	
Timing Range	1s~999min	
Noise	≤60dB	
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	330*390*325	380*450*390
Package Size(W*D*H) mm	480*415*470	590*610*680
Net Weight(kg)	28	45
Gross Weight(kg)	30	50

Rotor:

Rotor	BKC-TH18II			BKC-TH21		
	Speed(rpm)	RFC(xg)	Capacity	Speed(rpm)	RFC(xg)	Capacity
Angle Rotor	18500	18366	12*0.5ml	21000	23665	12*0.5ml
	18500	26019	24*0.5ml	20000	30409	12*1.5ml/2.2ml
	18500	26019	12*1.5ml/2.2ml	16500	25871	24*1.5ml/2.2ml
	/	/	/	16000	24327	36*1.5ml/2.2ml
	14500	19980	24*1.5ml/2.2ml	16500	20240	12*5ml
	16500	20240	12*5ml	14500	21390	12*10ml
	13200	17532	12*10ml	13000	19838	24*5ml
	/	/	/	12000	19320	24*10ml
	/	/	/	12000	14489	8*15ml
	/	/	/	14500	20450	6*30ml
	/	/	/	12000	16904	6*50ml
	/	/	/	12000	16904	4*85/100ml
	/	/	/	16000	22342	48*0.5ml
	/	/	/	11000	14302	6*100 ml
	14000	14243	4*8*0.2ml PCR tube	14000	14243	4*8*0.2ml PCR tube
	12000	16241	36*Capillary rotor	12000	16241	36*Capillary rotor
	/	/	/	11000	14302	6*100ml
Swing Rotor	/	/	/	5000	3913	4*50ml
Micro Plate	/	/	/	5000	2375	2*2*48well

Note: The above rotors are used for centrifugation of centrifuge tubes and cannot be used for vacuum blood collection tubes of the same size.

Table Top High Speed Refrigerated Centrifuge

Features:

- * Microprocessor controls , LED displays .
- * Maintenance-free brushless motor.
- * Double Lid and Lock system, door locks automatically once starting running.
- * 20 standard programs, programmability is available.
- * Automatic rotor recognition and imbalance detection.
- * Adjustable acceleration levels: 15, deceleration levels: 15.
- * The shortest Acc/Dec time is less than 15s.
- * Pre-cooling and fast cooling function, temperature dropped to 40°C within 10 minutes.
- * Automatic temperature compensation.



Technical Parameters:

Model	BKC-TH18R
Max. Speed	18500rpm
Max. RCF	26019xg
Max. Capacity	10ml*12
Speed Precision	±20rpm
Temp. Range	-20°C~40°C
Temp. Accuracy	±1.0°C
Timing Range	1s~999min / continuous / short spin
Noise	< 60dB
Refrigerant	R134a
Power Supply	110/220V, 50/60Hz
External Size(W*D*H)mm	545*505*410
Package Size(W*D*H)mm	735*630*675
Net Weight(kg)	70
Gross Weight(kg)	88

Rotor:

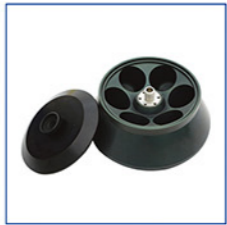
Angle Rotor	Speed(rpm)	RCF(xg)	Capacity	Angle Rotor	Speed(rpm)	RCF(xg)	Capacity
H0.512	18500	18366	12*0.5ml	H0512	14800	16284	12*5ml
H0212	18500	26019	12*1.5ml/2.2ml	H1012	13200	17726	12*10ml
H0224	15300	22245	24*1.5ml/2.2ml	H0.548	12000	12577	48*0.5ml
H0236	12500	14848	36*1.5ml/2.2ml	H0.232	12500	11355	4*8*0.2ml
H0.136	12000	16241	36*Capillary rotor				PCR tube

with mark (●) is round-bottom tube, with mark (▲) is sharp-bottom tube. We can do custom adapter according the user's requirements.

High Speed Refrigerated Centrifuge

Features:

- * Microcomputer control; Non carbon brush, AC motor.
- * Large LCD display.
- * Double door lock system.
- * 40 programs memory for standard runs, programmability is available.



6*500ml



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	±2.0°C
Timing Range	1min~23h59min
Noise	≤65dB
Consumption	3500W
Refrigerant	R404a
Power Supply	110/220V, 50/60Hz, 10A
External Size(W*D*H)mm	825*625*910
Package Size(W*D*H)mm	930*730*1010
Net Weight(kg)	205
Gross Weight(kg)	250

Rotor:

Rotor No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Angle Rotor	16*10ml	21000	47580
No.2	Angle Rotor	6*50ml	20000	43000
No.3	Angle Rotor	8*100ml	13000	19830
No.4	Angle Rotor	6*250ml	12000	21700
No.5	Angle Rotor	6*500ml	8000	11680
No.6	Angle Rotor	4*250ml	13000	23420
No.7	Angle Rotor	8*50ml	15000	27720
No.8	Swing Rotor	4*750	4000	2300

High Speed Refrigerated Centrifuge



Features:

- * Universal centrifuge, optional fixed-angle rotor, swing-bucket rotor, plate rotor.
 - * Microprocessor touch-keypad controls, LED displays can be read easily with the rotor model, time, RCF and speed.
 - * The Soft Touch Keypad, parameters setting function, special key for RCF.
 - * Quiet, maintenance-free brushless drive.
 - * Double Lid and Lock system, door locks automatically once starting running.
 - * 20 standard programs, programmability is available.
 - * Adjustable acceleration levels: 15, deceleration levels: 15.
 - * RPM setting function, RCF setting function.
- * Short spin function.
 - * Double layers steel structure, anti-corrosion coating.
 - * Automatic rotor recognition and imbalance detection for maximum operational safety, when the error and imbalance happend, it will have audible alarm.
 - * Easily adjust speed, RCF, time and temperature during the running without stop.
 - * The shortest Acc/Dec time is less than 15s.
 - * Pre-cooling and fast cooling function, temperature dropped 40℃ within 10 minutes.
 - * Automatic temperature compensation.
 - * Danfoss compressor kit.

Technical Parameters:

Model	BKC-TH23RII	BKC-TH24R	BKC-TH24RL
Max. Speed	23000rpm	24000rpm	24000rpm
Max. RCF	36795xg	40217xg	40217xg
Max. Capacity	6*100ml	4*300ml	4*750ml
Speed Precision	±20rpm		
Timing Range	1s~999min/continuous/short spin		
Temp. Range	-20℃~40℃		
Temp. Accuracy	±1.0℃		
Noise	≤60dB		
Refrigerant	R404a		
Power Supply	110/220V, 50/60Hz		
External Size(W*D*H)mm	570*590*490	570*590*490	600*790*890
Package Size(W*D*H)mm	775*690*660	820*740*685	830*700*1080
Net Weight(kg)	95	95	120
Gross Weight(kg)	110	120	160

Rotor:

with mark (●) is round-bottom tube, with mark (▲) is sharp-bottom tube. We can do custom adapter according the user's requirements.

Angle Rotor	Capacity	BKC-TH23RII		BKC-TH24R		BKC-TH24RL	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
H0.512	12*0.5ml	23000	28828	24000	32625	24000	32625
H0.524	24*0.5ml	18000	24631	18000	24631	18000	24631
H0212	12*1.5ml/2.2ml	22000	36795	23000	40217	23000	40217
H0224	24*1.5ml/2.2ml	16500	25871	16500	25871	16500	25871
H0236	36*1.5ml/2.2ml	14000	34237	14000	34237	14000	34237
H0512	12*5ml	16500	25871	16500	25871	16500	25871
H1012	12*10ml	15000	22891	15000	22891	15000	22891
H1508	8*15ml(●)	12500	15721	12500	15721	12500	15721
H0524	24*5ml	13000	19838	13000	19838	13000	19838
H1024	24*10ml	12000	19320	12000	19320	12000	19320
H5006	6*50ml	13000	19838	13000	19838	13000	19838
H8504	4*100ml/85ml	12000	16904	12000	16904	12000	16904
H0.548	48*0.5ml	16000	22324	16000	22324	16000	22324
H0.232	4*8*0.2ml PCR	14000	18848	14000	18848	14000	18848
H8506	6*100ml	12000	19320	12000	19320	12000	19320
H0.136	36*Capillary rotor	12000	16241	12000	16241	12000	16241
H3006	6*30ml	15000	21885	15000	21885	15000	21885

Model	BKC-TH23RII	BKC-TH24R	BKC-TH24RL
No.1 swing rotor	4*50ml 5000rpm 3913xg	4*300ml 4500rpm 3781xg	4*750ml 4200rpm 3648xg
No.2 swing rotor	/	4*200ml 4200rpm 3175xg	4*300ml 4500rpm 3781xg
No.3 swing rotor	/	/	4*450ml 4200rpm 3451xg
No.5 Microplate rotor	2*2*48well 5000rpm 2375xg	2*2*96well 4000rpm 2260xg	

PRP Centrifuge

BKC-PRP5 type PRP (platelet rich plasma) centrifuge, is mainly used in cosmetic special fat purification and bone with PRP multifunctional purification dedicated centrifuge.

Features:

- * Microprocessor control, LED display: rotor model, time, RCF and speed;
- * Quiet, maintenance-free brushless drive;
- * Double Lid and Lock system;
- * 20 programs memory, programmability is available;
- * Acc/Dec: choice of 15 acceleration and deceleration rates;
- * RPM setting function, and short-spin function;
- * Easily setting and reading RCF, speed synchronize in time
- * Double layers steel structure, spray anti-corrosion coating outside;
- * Automatic rotor recognition and imbalance detection , audible alarm for error and imbalance;
- * Easily adjustable speed, RCF, time and temperature during the running without stop;
- * The shortest Acc/Dec time is less than 28s;
- * Built-in exhaust filtering devices, it can prevent aerosol pollution during the centrifugal process.



Technical Parameters:

Model	BKC-PRP5
Max. Speed	4500rpm
Max. RCF	3781xg
Speed Precision	±10rpm
Noise	≤62dB
Timing Range	1~9999min, inching function
External Size(W*D*H) mm	425*510*415
Package Size(W*D*H) mm	640*565*680
Net Weight(kg)	50
Gross Weight(kg)	55



2*100ml



4*50ml

Rotor:

No.	Rotor	Speed(rpm)	RCF(xg)	Capacity
No.1	Swing Rotor	4500	3781	2*100ml (Applies to the orthopaedic PRP tube / 100ml syringe)
No.2	Swing Rotor	5000	5000	4*50ml (Applies to 50ml syringe)
No.3	Angle Rotor	4500	3395	8*20ml (Applies to 20ml syringe)
No.4	Angle Rotor	4500	3395	12*10ml (Applies to 10ml syringe)