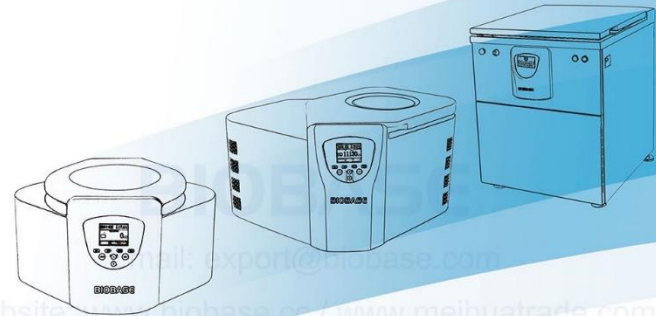


BIOBASE®

## Centrifuge



BIOBASE

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 BIOBASE CHINA

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Version 2021

# BIOBASE®

## 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.

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### 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:**

- \* 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/0.2ml(0.2ml and 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

**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
<p><b>Model: LC-HD</b> Handle-centrifuge can use for chemical, biological laboratories and hospital laboratories.</p>		<p>Capacity: 4*15ml Packing size: 210*100*50mm Gross weight: 1.6kg</p>
<p><b>Model: LC-4KII</b> It can be used for qualitative analysis and in biochemistry labs.</p>		<p>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</p>
<p><b>Model: LC-H4KII</b> It can be used in hospital, biochemistry lab, making determination and analyzing to blood serum and blood plasma immunity.</p>		<p>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</p>
<p><b>Model: LC-4KA</b> 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</p>		<p>Max. speed: 4000r/min Capacity: 8*20ml Max. RCF: 2325*g Timing range: 0~30min With mechanical lock Power supply: AC110/220V, 50/60Hz Packing size: 340*350*330mm Gross weight: 10kg</p>
<p><b>Model: LC-4K-2</b> It can be used to make qualitative analysis and biochemistry labs widely.</p>		<p>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</p>

Introduction	Picture	Technical Parameters
<p><b>Model: LC-5K</b> 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.</p>		<p>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</p>
<p><b>Model: LC-4KB</b> Application: hospitals and biochemical labs for qualitative analysis of serum, urea and plasma. Frame material: high strength plastic. Door switch</p>		<p>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</p>
<p><b>Model: LC-4KC</b> 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.</p>		<p>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</p>
<p><b>Model: LC-T4K</b> Application: hospital, bio-chemistry lab, making determination and analyzing to blood serum and so on.  With safety switch</p>		<p>Speed range: starting~4000rpm Capacity: 8*20ml Timing range: 0~30min Max. RCF: 2325*g Power supply: AC110/220V, 50/60Hz Packing size: 340*370*290mm Gross weight: 10kg</p>
<p><b>Model: LC-H4K</b> Application: hospital, bio-chemistry lab, making determination and analyzing to blood serum and so on.  With mechanical lock</p>		<p>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</p>

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	15ml,20ml,5/7ml vacuum tube
4M0002	Angle Rotor	4*50ml
	Adapter	15ml,20ml,5/7ml vacuum tube
4M0003	Angle Rotor	12*20ml
	Adapter	5ml,10ml,5/7ml vacuum tube
4M0004	Angle Rotor	12*15ml
	Adapter	1.5ml,5ml,5/7ml vacuum tube
4M0005	Angle Rotor	8*15ml
	Adapter	1.5ml,5ml,10ml,5/7ml vacuum tube
4M0006	Angle Rotor	24*10ml
	Adapter	1.5ml,5ml,5/7ml vacuum tube
4M0007	Angle Rotor	18*10ml
	Adapter	1.5ml,5ml,5/7ml vacuum tube
4M0008	Angle Rotor	12*10ml
	Adapter	1.5ml,5ml,5/7ml vacuum tube
4M0009	Angle Rotor	12*1.5/2ml

### 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



**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		18*10ml		2250
No.9		24*10ml		2250
No.10		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*9*15ml basket	4000	3580
No.2		4*12*5ml vacuum tube basket		
No.3		4*1*250ml basket		
No.4		4*8*15ml(▲)basket		
No.5		4*1*50ml(basket)	5000	
No.6		4*2*50ml(basket)		
No.7		4*3*50ml(basket)		
No.8		4*1*100ml(●)basket	4000	
No.9		4*1*100ml(▲)basket		
No.10		4*2*100ml basket		
No.11		4*4*30ml(●)PP basket		
No.12		4*8*15ml basket		
No.13		4*12*10ml basket		
No.14		4*250ml basket		
No.15		4*20*2ml vacuum tube (L80mm)		
No.16		4*20*5ml vacuum tube (L106mm)		
No.17		4*24*2ml vacuum tube		
No.18		4*24*5ml vacuum tube (L75mm)		
No.19		4*24*5ml vacuum tube (L100mm)		
No.20		4*24*5ml vacuum tube(L106mm)		
No.21		4*20*7ml PP transparency tube rack		
No.22		4*18*10ml tube rack	3500	
No.23		4*25*1.5ml tube rack		
No.24		4*2*50ml basket	3200	
No.25		4*9*10ml basket	2810	
No.26		4*1*50ml basket	5000	4390
No.27		4*1*100ml basket		
No.28		4*50ml PRP cup	4000	3200
No.29		4*2*50ml(▲)		
No.30		4*4*50ml tube rack		
No.31		4*10*5ml vacuum tube (L106mm)		
No.32		4*12*5ml vacuum tube(L75mm)		
No.33		4*12*5ml vacuum tube(L80mm)		
No.34		4*12*5ml vacuum tube(L100mm)		
No.35		4*12*5ml vacuum tube (L106mm)		
No.36		4*18*5ml vacuum tube (L106mm)		
No.37		4*20*5ml		
No.39	Microplate Rotor	2*2*96well	2300	
No.1	Angle Rotor	4*50ml	5000	3080
No.2		4*100ml		
No.3		6*50ml		
No.4		8*15ml		
No.5		12*5/7ml		
No.6		12*10ml		
No.7		12*15ml		
No.8		18*10ml		
No.9		24*10ml		
No.10		30*5/7ml		
No.1	Microplate Rotor	4*50ml	5000	3500
No.2		4*100ml		
No.3		6*50ml		
No.4		8*15ml		
No.5		12*5/7ml		

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, tyure 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*1*50ml basket	5500	5310	
No.2		4*30*5ml vacuum tube(L100mm)	4000	3580	
No.3		4*30*5ml vacuum tube (L106mm)			
No.4		4*30*2ml flat tube(L48.3mm)			
No.5		4*9*15ml basket			
No.6		4*12*5ml vacuum basket			
No.7		4*1*250ml basket			
No.8		4*8*15ml(▲)basket			
No.9		4*1*50ml(basket)			5000
No.10		4*2*50ml(basket)			4000
No.11		4*3*50ml(basket)			
No.12		4*1*100ml(●)basket			
No.13		4*1*100ml(▲)basket			
No.14		4*2*100ml basket			
No.15		4*4*30ml(●)PP basket			
No.16		4*8*15ml basket			
No.17		4*12*10ml basket			
No.18		4*250ml basket			
No.19		4*20*2ml vacuum tube (L80mm)			
No.20		4*20*5ml vacuum tube (L106mm)			
No.21		4*24*2ml vacuum tube			
No.22		4*24*5ml vacuum tube (L75mm)			
No.23		4*24*5ml vacuum tube (L100mm)			
No.24		4*24*5ml vacuum tube( L106mm)			
No.25		4*20*7ml PP transparency tube rack			
No.26	4*16*10ml tube rack	3500			
No.27	4*25*1.5ml tube rack	3200			
No.28	4*2*50ml basket	2810			
No.29	4*9*10ml basket	5000			
No.30	4*1*50ml basket		4390		
No.31	4*1*100ml basket		4000		
No.32	4*50ml PRP cup			3200	
No.33	4*2*50ml(▲)				
No.34	4*4*50ml tube rack				
No.35	4*10*5ml vacuum tube (L106mm)				
No.36	4*12*5ml vacuum tube(L75mm)				
No.37	4*12*5ml vacuum tube (L80mm)				
No.38	4*12*5ml vacuum tube (L100mm)				
No.39	4*12*5ml vacuum tube (L106mm)				
No.40	4*18*5ml vacuum tube (L106mm)				
No.41	4*20*5ml				
No.42	Microplate Rotor	2*2*96well		2300	
No.1	Angle Rotor	4*50ml		5000	2520
No.2		4*100ml			2630
No.3		6*50ml			2850
No.4		8*15ml	2600		
No.5		12*5/7ml	3080		
No.6		12*10ml			
No.7		12*15ml			
No.8		18*10ml			
No.9		24*10ml			
No.10		30*5/7ml	2810		
				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



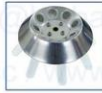
BKC-TL4



BKC-TL4II/TL4III

**Features:**

- \* LCD display, microprocessor control.
- \* Brushless motor: variable frequency.
- \* Multiple layers shock absorbers, automatic balancing to achieve smooth running.
- \* Can store 20 operation procedures.



8\*20ml



24\*10ml

**Technical Parameters:**

Model	BKC-TL4	BKC-TL4II	BKC-TL4III
Capacity	8*20ml	12*20ml, 18*10ml, 24*10ml	4*50ml, 12*15ml
Max. Speed	4000rpm		
Max. RCF	2200xg	2600xg	2100xg
Speed Precision	±30rpm		
Timing Range	0~99h59min inching function		
Noise	≤60dB		
Power Supply	AC110/220V, 50/60Hz		
External Size(W*D*H) mm	380*260*310	500*450*280	
Package Size(W*D*H) mm	490*610*510	700*630*480	
Net Weight(kg)	18	20	
Gross Weight(kg)	33	35	

### Table Top Low Speed Centrifuge

**Features:**

- \* LCD display, intelligent control, touchable and press button
- \* Brushless motor: variable frequency
- \* Stainless steel chamber
- \* Mute mechatronics motor door lock
- \* Special button for RCF control
- \* Memory of last setting procedure
- \* Can store 20 operation procedures
- \* 10 levels speed-up and speed-down control



**Technical Parameters:**

Model	BKC-TLSIII	BKC-TLSIV
Max. Capacity	4*250ml	4*250ml
Max. Speed	5500rpm	5000rpm
Max. RCF	4800×g	4800×g
Control and Driver System	Frequency motor, micro control, direct drive	
Timing Range	0~99h59min	
Noise	≤65dB	
Consumption	500W	
Power Supply	AC110V/220V, 50/60Hz	
External Size(W*D*H) mm	600*540*360	
Package Size(W*D*H) mm	720*600*500	
Net/Gross Weight(kg)	37/56	



12\*10ml



4\*250ml



8\*50ml



48\*5ml



32\*15ml



Micro-plate rotor

**Rotor:**

Capacity	Capacity	BKC-TLSIII		BKC-TLSIV	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
Angle Rotor	12*10ml/15ml	5500	4328	/	/
Swing Rotor	4*250ml	4000	3290	4000	3290
Adapter	8*50ml	4000	3290	4000	3290
	24*15ml				
	32*10ml				
	48*5ml				
Swing Bucket Rotor	8*50ml	4000	2810	4000	2810
	4*50ml	5000	4600	5000	4600
	4*100ml	5000	4800	5000	4800
	24*15ml/10ml	4000	2810	4000	2810
	32*15ml	4000	2810	4000	2810
	32*10ml	4000	2810	4000	2810
	48*5ml/2ml (Vacuum tube)	4000	2940	4000	2940
76*5ml/2ml (Vacuum tube)	4000	3100	4000	3100	
Microplate	2*2*96well	4000	2360	4000	2360

Table Top Low Speed Centrifuge



BKC-TL5/TL6/TL6II

BKC-TL5II

Features:

- \* Stainless steel chamber
- \* Memory of last setting procedure
- \* Brushless motor: variable frequency
- \* Can store 20 operation procedures
- \* 10 levels speed-up and speed-down control
- \* LCD display, intelligent control, touchable and press button

Technical Parameters:

Model	BKC-TL5	BKC-TL5II	BKC-TL6	BKC-TL6II
Max. Capacity	4*100ml	4*100ml	4*250ml	4*100ml
Max. Speed	5000rpm	5000rpm	6000rpm	6000rpm
Max. RCF	4800xg	4420xg	5140xg	5140xg
Timing Range	0-99h59min			
Speed Precision	±50rpm			
Noise	<65dB			
Consumption	450W	350W	500W	
Power Supply	AC110/220V, 50/60Hz			
External Size(W*D*H) mm	600*540*360	500*400*300	600*540*360	
Package Size(W*D*H) mm	800*740*560	700*600*500	720*600*500	
Net/Gross Weight(kg)	35/52	25/44	46	

Rotor:



Rotor for BKC-TL5:

No.	Rotor	Capacity	Speed(rpm)	RCF(xg)	No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Swing Bucket	4*50ml	5000	4600	No.1	Swing Bucket	24*15ml/10ml	4000	2960
		4*100ml	5000	4800			32*10ml/15ml	4000	2960
	Rotor	8*50ml	4000	2960		Rotor	48*5ml/2ml (vacuum tube)	4000	2940
							76*5ml/2ml (vacuum tube)	4000	3100

Rotor for BKC-TL5II:

No.	Rotor	Capacity	Speed(rpm)	RCF(xg)	No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Angle Rotor	12*10/15ml	5000	3580	No.4	Swing Bucket Rotor	16*10	4000	2950
No.2		12*15/20ml	4000	2600			/15ml	4000	4420
No.3	Swing Bucket Rotor	4*100ml	4000	2100			4*50ml	5000	4420

Rotor for BKC-TL6:

No.	Rotor	Capacity	Speed(rpm)	RCF(xg)	No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Angle Rotor	12*10ml/15ml	6000	5140	No.5	Swing Bucket Rotor	4*100ml	5000	4800
No.2	Swing Bucket Rotor	16*15ml/10ml	5000	4400			8*50ml	4000	2810
No.3		24*10ml/15ml	4000	2810			32*15ml	4000	2810
No.4	Swing Bucket Rotor	4*250ml	4000	3290			Rotor	32*10ml	4000
	Adapter	8*50ml, 24*15ml, 32*10ml, 40*5ml			48*5ml/2ml	4000		2950	
No.5	Swing Bucket Rotor	Support			No.6	Microplate	2*2*96well	4000	2360
		4*50ml	5000	4600	No.7	Swing Rotor	76*5ml/12ml	4000	3100

Rotor for BKC-TL6II:

No.	Rotor	Capacity	Speed(rpm)	RCF(xg)	No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Angle Rotor	12*10ml/15ml	5000	4600	No.2	Swing Bucket Rotor	32*15ml	4000	2810
No.2	Swing Bucket	4*50ml	5000	4600			32*10ml	4000	2810
		4*100ml	5000	4800			48*5ml/2ml(Vacuum tube)	4000	2940
							76*5ml/2ml(Vacuum tube)	4000	3100
	Rotor	8*50ml	4000	2810	No.4	Microplate	2*2*96well	4000	2360

## Table Top Low Speed Large Capacity Centrifuge

### Features:

- \* LCD display, intelligent control, touchable and press button
- \* Brushless motor: variable frequency
- \* Stainless steel chamber.
- \* Special button for RCF control, the parameters can be changed during running
- \* Mute mechatronics motor door lock.
- \* Can store 20 operation procedures.
- \* 10 levels speed-up and speed-down control.



### Technical Parameters:

Model	BKC-TL5L
Max. Capacity	4*500ml
Max. Speed	5500rpm
Max. RCF	4800×g
Timing Range	0-99h59min, inching function
Noise	≤65dB
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	630*500*420
Package Size(W*D*H) mm	830*740*620
Net Weight(kg)	65
Gross Weight(kg)	90

### Rotors:



### Rotor:

No.	Rotor	Capacity	Speed(rpm)	RCF(×g)
No.1	Angle Rotor	12*10ml/15ml	5000	3570
No.2	Swing Bucket Rotor	4*500ml (round cup), Available adaptor: (4*250ml/300ml, 4*100ml, 12*50ml, 32*15ml, 48*10ml, 72*5ml)	4000	3760
		148*5ml/2ml (vacuum tube)	4000	2900
		48*5ml/2ml (vacuum tube)	4000	2950
		76*5ml/2ml (vacuum tube)	4000	3100
No.3	Swing Bucket Rotor	Support	5000	4800
		4*100ml	4000	2810
		8*50ml	4000	2810
		32*15ml	4000	2810
		32*10ml	4000	2810
No.4	Microplate	2*2*96well	4000	2360

## Table Top Low Speed Refrigerated Centrifuge

### Features:

- \* LCD display, intelligent control, touchable and press button.
- \* Brushless motor: high torque and variable frequency, combined with shock absorbers.
- \* Automatically record the parameters, can start by RCF directly.
- \* Stainless steel chamber.
- \* Mute mechatronics motor door lock.
- \* Over 20 selectable procedures and freely self-defining modes.
- \* 10 levels speed-up and speed-down control.



### Technical Parameters:

Model	BKC-TL5RIV	BKC-TL6R	BKC-TL8R
Max. Capacity	4*500ml		
Max. Speed	5500rpm	6500rpm	8000rpm
Max. RCF	4800×g	4800×g	5940×g
Speed Precision	±50rpm		
Refrigeration System	CFC-free compressor and control valve		
Temp. Range	-20~40°C		
Temp. Precision	±1°C		
Control and Drive System	Frequency motor, micro control, direct drive		
Timing Range	0-99h59min		
Noise	≤65dB		
Consumption	1.8KW		
Power Supply	AC110/220V, 50/60Hz		
External Size(W*D*H) mm	630*760*400		
Package Size(W*D*H) mm	910*950*605		
Net/Gross Weight(kg)	110/171		

### Rotor:

Rotor	Capacity	BKC-TL6R		BKC-TL8R		BKC-TL5RIV			
		Speed (rpm)	RCF (×g)	Speed (rpm)	RCF (×g)	Rotor	Capacity	Speed (rpm)	RCF (×g)
Angle Rotor	12*10ml	6500	3920	8000	5940	Angle Rotor	12*10ml	5500	4328
Swing Bucket Rotor	24*10ml	5000	4500	5000	4500	Swing Rotor	24*10ml	5000	4500
Swing Bucket Rotor	4*250ml	4000	3290	4000	3290	Swing Rotor	4*250ml		
Adapter	8*50ml, 4*6*15ml, 4*8*10ml, 4*10*5ml					Adapter	8*50ml	4000	3290
	Support						4*6*15ml		
	4*50ml	5000	4600	5000	4600		4*8*10ml		
	4*100ml	5000	4800	5000	4800		4*10*5ml		
	8*50ml	4000	2810	4000	2810		4*50ml	5000	4600
	32*15ml	4000	2810	4000	2810		4*100ml	5000	4800
	32*10ml	4000	2810	4000	2810		8*50ml	4000	2810
	48*5ml/2ml (vacuum tube)	4000	2940	4000	2940		32*15ml	4000	2810
	76*5ml/2ml (vacuum tube)	4000	3100	4000	3100		32*10ml	4000	2810
							48*5ml/2ml	4000	2940
							76*5ml/2ml	4000	3100
Microplate	2*2*96well	4000	2360	4000	2360	Swing Rotor	76*5ml/2ml	4000	3100
						Microplate	2*2*96well	4000	2360

## Low Speed Refrigerated Centrifuge

### Features:

- \* LCD display, microprocessor control, indicating setting parameters and actual parameters at the same time
- \* AV motor: high torque and variable frequency, free from contamination caused by carbon dust
- \* Safety: Over-temperature and over-speed protection, imbalance detection, special shock absorbers to keep motor running smoothly
- \* 20 selectable procedures and freely self-defining modes
- \* 10 levels speed-up and speed-down control



### Technical Parameters:

Model	BKC-VL5R	BKC-VL6R	BKC-VL8R
Max. Capacity	4*750ml	4*750ml	4*750ml
Max. Speed	5500rpm	6500rpm	8000rpm
Max. RCF	4800xg	4800xg	5940xg
Speed Precision	±50rpm		
Refrigeration System	CFC-free (R404a)		
Temp. Range	-20°C~40°C		
Temp. Precision	±1°C		
Timing Range	0~99h59min		
Noise	<65dB		
Consumption	2.0KW		
Power Supply	AC110/220V, 50/60Hz		
External Size(W*D*H)mm	710*560*770		
Package Size(W*D*H)mm	885*705*1195		
Net/Gross Weight(kg)	160/215		

### Rotor:

Rotor	Capacity	BKC-VL5R		BKC-VL6R		BKC-VL8R		
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)	
Angle Rotor	12*10ml	5500	3580	6500	3920	8000	5940	
	4*750ml	4000	3500	4000	3500	4000	3500	
Swing Rotor	4*500ml(round cup) (Available adaptor: 4*250ml/300ml, 4*100ml, 12*50ml, 32*15ml, 48*10ml, 72*5ml)	4000	3780	4000	3780	4000	3780	
	148*5ml/2ml (vacuum tube)	4000	2900	4000	2900	4000	2900	
	16*15ml	5000	4500	5000	4500	5000	4500	
	76*5ml/2ml (vacuum tube)	4000	3100	4000	3100	4000	3100	
	4*100ml	5000	4800	5000	4800	5000	4800	
	24*10ml	4000	2810	4000	2810	4000	2810	
	8*50ml	4000	2810	4000	2810	4000	2810	
	32*15ml	4000	2810	4000	2810	4000	2810	
	32*10ml	4000	2810	4000	2810	4000	2810	
	48*5ml/2ml (vacuum tube)	4000	2950	4000	2950	4000	2950	
	Microplate	2*2*96well	4000	2360	4000	2360	4000	2360

## Low Speed Large Capacity Refrigerated Centrifuge

### Features:

- \* LCD display, microprocessor control, indicating setting parameters and actual parameters at the same time.
- \* AV motor: high torque and variable frequency, free from contamination caused by carbon dust.
- \* Imported drive system and automatic control system to ensure steady and reliable operation.
- \* Safety: Over-temperature and over-speed protection, electronic locking, imbalance detection.
- \* Can set 16 procedures, parameters can be modified during running.
- \* 10 levels speed-up and speed-down control.
- \* Can indicate rotor speed ascending and declining curves, centrifugal integral curves.



### Technical Parameters:

Model	BKC-VL6RL	BKC-VL8RL
Max. Capacity	6*1000ml	6*1500ml
Max. Speed	6000rpm	8000rpm
Max. RCF	6680xg	11260xg
Speed Precision	±50rpm	
Refrigeration System	CFC-free (R404a)	
Temp. Range	-20°C~40°C	
Temp. Precision	±1°C	
Timing Range	0~99h59min	
Noise	<68dB	
Consumption	4.0KW	
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	840*730*950	
Package Size(W*D*H) mm	1085*825*1195	
Net/Gross Weight(kg)	270/360	

### Rotor:

Rotor	Capacity	BKC-VL6RL		BKC-VL8RL	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
Angle Rotor	6*500ml	6000	6000	8000	11260
Swing Rotor	6*1000ml	4200	4200	4200	5167
	4*1000ml	4000	4000	4000	4050

### 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

**Technical Parameters:**

Model	BKC-TL5R
Max. Speed	5000rpm
Max. RCF	4390xg
Max. Capacity	4*750ml
Speed Precision	±20r/min
Timing Range	1s~99h59min59s
Temp. Range	-20℃~40℃
Temp. Accuracy	±1℃
Refrigerant	CFC-free refrigerant
Noise	≤65dB
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H)mm	640*680*380
Package Size(W*D*H)mm	780*800*520
Net Weight(kg)	95
Gross Weight(kg)	100



**Features:**

- \* Maintenance-free brushless DC motor.
- \* LED/LCD display.
- \* Stainless steel chamber.
- \* Automatically electric lid lock, over speed, over temperature, and imbalance protection.

**Rotor:**

Rotor No.	Rotor	Capacity	Max. Speed(rpm)	Max. RCF(xg)
No.1	Angle Rotor	12*10ml	5000	4390
	Swing Bucket Rotor	4*100ml	5000	4390
No.2	Tube Rack	4*2*100ml	4000	3500
		4*4*10ml		
		4*6*10ml		
		4*8*10ml		
		4*4*15ml	5000	4390
		4*6*15ml		
		4*8*15ml		
		4*50ml		
No.3	Swing Rotor	4*2*50ml	4000	3500
		4*250ml	4000	3500
		4*8*5ml		
		4*8*7ml		
		4*8*10ml		
No.4	Adapter	4*2*50ml	4000	3500
		4*100ml		
		4*12*7/5ml		
		4*18*7/5ml		
No.5	Swing Rotor	4*18*7/5ml	4000	2800
No.6		4*24*7/5ml	4000	2800
No.7		2*2*48well	4000	2300
No.8	Microplate	2*2*96well	4000	2300

### 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.



BKC-VL6RLII



BKC-TL5RL

**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°C	
Temp. Accuracy	±1°C	
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

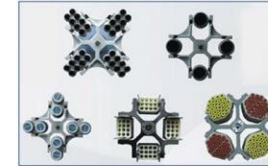
**Rotor for BKC-VL6RLII:**

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

### Table Top Low Speed Large Capacity Centrifuge



**Technical Parameters:**

Model	BKC-TL5LII
Max. Capacity	4*750ml
Max. Speed	5500rpm
Max. RCF	5310*xg
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												
				4*4*10ml					4*500ml												
				4*6*10ml					4*15*7/5ml												
				4*8*10ml					4*12*10ml												
	Swing Rotor	4000	3500	4*4*15ml	No.3	Adapter	4000	3580	4*8*15ml												
				4*6*15ml					4*4*50ml												
				4*8*15ml					4*2*100ml												
				4*8*15ml					4*250ml												
				4*50ml					4*750ml												
No.2	Swing Rotor	5000	4390	4*2*50ml	No.4	Swing rotor	4000	3580	4*750ml												
	Swing Rotor	4000	3500	4*250ml					No.5	Swing rotor	4000	2800	4*12*5/7ml								
	Swing Rotor	4000	3500	4*250ml									No.6	Swing rotor	4000	2800	4*18*5/7ml				
	Adapter	4000	3500	4*8*7/5ml													No.7	Swing rotor	4000	2800	4*24*5/7ml
				4*8*10ml																	



## 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: [Email: export@biobase.com](mailto:export@biobase.com)

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℃
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℃
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

Website: [www.biobase.cc](http://www.biobase.cc) / [www.merhuatrade.com](http://www.merhuatrade.com)

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

Website: [www.biobase.cc](http://www.biobase.cc) / [www.merhuatrade.com](http://www.merhuatrade.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:**

<b>Model</b>	BKC - TL16RE
Max. Speed	16000rpm
Max. Capacity	12*10ml
Max. RCF	20878×g
Temp. Range	-20°C~40°C
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	14000	17800
No.5		20*1.5/2 ml		15580
No.6		24*1.5/2.0 ml		17950
No.7		12*10 ml	13000	14190
No.8		40*0.5 ml		17210
No.9		30*0.5 ml		13900
No.10			4*8pcc ml	14000

### Micro High Speed Centrifuge

**Features:**

- \* LCD display: indicating setting parameters and actual parameters, including RCF.
- \* Variable frequency brushless motor.
- \* Stainless steel chamber.
- \* Mute mechatronics motor door lock.
- \* Can store 20 procedures.
- \* 10 levels speed-up and speed-down control.



**Technical Parameters:**

Model	BKC-MH16
Max. Capacity	12*10ml
Max. Speed	16500rpm
Max. RCF	18780×g
Timing Range	0~99h59min
Control and Drive System	Frequency motor, micro control, direct drive
Noise	≤60dB
Consumption	350W
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	380*260*310
Package Size(W*D*H) mm	620*360*410
Net/Gross Weight(kg)	20/28



12\*1.5/2.0ml



24\*1.5/2.0ml



10\*5ml



12\*10ml

**Rotor:**

Model	Capacity	Speed(rpm)	RCF(*g)
Angle Rotor	12*1.5/2.0ml	16500	18780
	18*1.5/2.0ml	15000	17780
	24*1.5/2.0ml	14000	18180
	10*5ml	14000	13520
	8*7ml	14000	12340
	12*10ml	12000	13400

### Table Top High Speed Centrifuge

**Features:**

- \* LCD display: indicating setting parameters and actual parameters, including RCF.
- \* Variable frequency brushless motor.
- \* Stainless steel chamber.
- \* Mute mechatronics motor door lock.
- \* Can store 20 procedures.



12\*1.5/2.0ml



6\*50ml

**Technical Parameters:**

Model	BKC-TH16	BKC-TH18
Max. Capacity	4*100ml	
Max. Speed	16500rpm	18500rpm
Max. RCF	18780×g	23610×g
Timing Range	0~99h59min	
Noise	≤60dB	
Consumption	500W	
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	500*440*330	710*630*350
Package Size(W*D*H) mm	750*640*530	
Net/Gross Weight(kg)	30/50	

**Rotor:**

Model	BKC-TH16			BKC-TH18		
	Capacity	Speed(rpm)	RCF(xg)	Capacity	Speed(rpm)	RCF(xg)
Angle Rotor	12*1.5/2.0ml	16500	18780	12*1.5/2.0ml	18500	23610
	18*1.5/2.0ml	15000	17770	18*1.5/2.0ml	15000	17770
	24*1.5/2.0ml	14000	18180	24*1.5/2.0ml	14000	18180
	10*5ml	13500	13520	10*5ml	14000	13520
	8*15ml	12000	14800	8*15ml	12000	14800
	12*10ml	12000	13400	12*10ml	12000	13400
	6*50ml	11000	11610	6*50ml	11000	11610
Microplate	2*2*48 well	3000	1400	2*2*48 well	3000	1400

### Table Top High Speed Refrigerated Centrifuge

**Features:**

- \* Maintenance-free brushless motor.
- \* Unbalance, over-speed, over-heat protection.
- \* LCD display.
- \* With motor gate lock mute mechanical & electrical integration.
- \* Provide more than 100 kinds of operating models.
- \* 10 levels for speed-up and speed-down control.



**Technical Parameters:**

Model	BKC-TH16RIII	BKC-TH20RIII
Max. Capacity	4*100ml	
Max. Speed	16800rpm	20800rpm
Max. RCF	19600xg	30000xg
Speed Precision	±50rpm	
Temp range	-20~40°C	
Temp accuracy	±1°C	
Timing	0~99h59min	
Noise	≤60dB	
Power supply	AC110/220V, 50/60Hz	
Power consumption	1.5KW	
External size(W*D*H) mm	710*630*350	
Packing size(W*D*H) mm	850*740*570	
Net weight(kg)	75	
Gross weight(kg)	107	

**Rotor:**

Model	BKC-TH16RIII			BKC-TH20RIII		
	Speed(rpm)	RFC(xg)	Capacity	Speed(rpm)	RFC(xg)	Capacity
Angle Rotor	16800	19600	12*1.5/2.0ml	20800	30000	12*1.5/2.0ml
	14000	18180	24*1.5/2.0ml	14000	18180	24*1.5/2.0ml
	14000	13600	18*1.5ml	16000	17700	18*1.5ml
	11000	12900	30*1.5ml	12000	15300	30*1.5ml
	12000	13800	48*0.5ml	13000	16300	48*0.5ml
	13000	11700	10*5ml	16000	17700	10*5ml
	12000	13400	12*10ml	14000	18800	12*10ml
	12000	14800	8*15ml	12000	14800	8*15ml
	11000	11600	6*50ml	12000	13800	6*50ml
	9000	8500	4*100ml	10000	10500	4*100ml
Microplate	4000	2100	4*50ml	4000	2150	4*50ml
Swing Rotor	3000	1400	2*2*48Well	3000	1400	2*2*48Well

### Table Top High Speed Refrigerated Centrifuge



**Features:**

- \* LCD display: indicating setting parameters and actual parameters.
- \* Brushless motor: high torque and variable frequency.
- \* Safety: over-speed and over-temperature protection, imbalance detection, shock absorber to keep motor running smoothly.
- \* Stainless steel chamber. \* Inching function. \* Mute mechatronics motor door lock.
- \* Over 20 selectable procedures, 9 levels speed-up and speed-down control.

**Technical Parameters:**

Model	BKC-TH16R	BKC-TH20R
Max. Capacity	12*10ml	6*50ml
Max. Speed	16000rpm	20000rpm
Max. RCF	18180xg	27700xg
Standard Rotor	12*1.5/2.0ml	
Speed Precision	±50rpm	
Refrigeration System	CFC-free (R404a)	
Temp. Range	-20°C~40°C	
Temp. Precision	±1°C	
Timing Range	0~99h59min	
Noise	<60dB	
Consumption	1.5KW	
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	710*630*350	
Package Size(W*D*H) mm	860*780*550	
Net/Gross Weight(kg)	73/95	

**Rotor:**

Model	Capacity	BKC-TH16R		BKC-TH20R	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
Angle Rotor	12*1.5/2.0ml	16000	17800	20000	27700
	10*5ml	13000	11700	16000	17700
	24*1.5/2.0ml	14000	18180	14000	18180
	12*10ml	12000	13400	12000	13400
	6*50ml	/	/	12000	13800

Table Top High Speed Refrigerated Centrifuge



Features:

- \* LCD display: indicating setting parameters and actual parameters.
- \* Brushless motor: controlled by microchip's dsPIC30F series SCM and driven by FAIRCHILD'S FSBB30CH series driver module.
- \* Safety: over-speed and over-temperature protection, imbalance detection, shock absorber to keep motor running smoothly, three layers steel structure to secure personnel and machine safety.
- \* Mute mechatronics motor door lock.
- \* Over 100 selectable procedures and freely self-defining modes.

Technical Parameters:

Model	BKC-TH12R	BKC-TH24RII
Max. Capacity	4*100ml	
Max. Speed	12000rpm	24000rpm
Max. RCF	13400xg	39900xg
Speed Precision	±50rpm	
Refrigeration System	CFC-free (R404a)	
Temp. Range	-20°C~40°C	
Temp. Precision	±1°C	
Timing Range	0~99h59min	
Noise	<60dB	
Identify Rotor	Automatic	
Consumption	1.5KW	
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	710*630*350	
Package Size(W*D*H) mm	960*830*550	
Net/Gross Weight(kg)	75/120	

Rotor:

Model	Capacity	BKC-TH12R		BKC-TH24RII	
		Speed(rpm)	RCF(*g)	Speed(rpm)	RCF(*g)
Angle Rotor	12*1.5/2.0ml	12000	10000	24000	39900
	24*1.5/2.0ml	11500	12300	16000	23800
	18*1.5ml	/	/	16000	17700
	30*1.5ml	/	/	12000	15300
	48*0.5ml	/	/	13500	17500
	10*5ml	12000	10000	20000	27700
	12*5/10ml	12000	13400	15000	21600
	8*15ml	/	/	12000	14800
	6*50ml	10000	9600	12000	13800
Swing Rotor	4*100ml	/	/	11000	11720
	4*50ml	4000	2150	/	/
	4*100ml	4000	2490	/	/
Microplate	2*2*48Well	/	/	3000	1400

## High Speed Refrigerated Centrifuge

### Features:

- \* LCD display, microprocessor control, indicating setting parameters and actual parameters at the same time.
- \* AV motor: high torque and variable frequency, free from contamination caused by carbon dust.
- \* Imported drive system and automatic control system to ensure steady and reliable operation.
- \* Safety: Over-temperature and over-speed protection, electronic locking, imbalance detection.
- \* Can set 16 procedures, parameters can be modified during running.
- \* 10 levels speed-up and speed-down control.
- \* Can indicate rotor speed ascending and declining curves, centrifugal integral curves and temperature curves.



### Technical Parameters:

Model	BKC-VH20R	BKC-VH21RII
Max. Capacity	6*500ml	
Max. Speed	20000rpm	21000rpm
Max. RCF	43840×g	48330×g
Speed Precision	±50rpm	
Up and Down Speed Rate	Option set	
Temp. Range	-20~40℃	
Temp. Precision	±1℃	
Timing Range	0~99h59min	
Noise	<65dB	
Consumption	4.0KW	
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	820*710*950	
Package Size(W*D*H) mm	1070*830*1145	
Net/Gross Weight(kg)	240/300	



### Rotor:

Model	Capacity	BKC-VH20R		BKC-VH21RII	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
Angle Rotor	16*10ml	20000	43840	21000	48330
	6*50ml	18000	37580	18000	37580
	8*50ml	16000	29365	16000	29365
	6*70ml	15000	25700	/	/
	8*100ml	12000	19830	12000	19830
	6*250ml	12000	22530	12000	22530
	6*300ml	10000	18550	10000	18550
	6*500ml	8000	11800	8000	11800
	6*500ml (Beckman bottle)	10000	17700	10000	17700
	30*1.5ml	18000	34485	18000	34485
Microplate	2*2*96 Well	4000	2360	4000	2360

## High Speed Refrigerated Centrifuge

### Features:

- \* LCD display, indicating setting parameters and actual parameters at the same time.
- \* Brushless motor: Controlled by micro chip's dsPIC30F series SCM and driven by FAIR CHILD'S FSBB30CH series driver module.
- \* Safety: over-speed and over-temperature protection, imbalance detection shock absorber to keep motor running smoothly.
- \* Mute mechatronics motor door lock.
- \* Over 20 selectable procedures and freely self-defining modes.
- \* 10 levels speed-up and speed-down control.

### Rotor:



### Technical Parameters:

Model	BKC-VH20RII
Max. Capacity	4*750ml
Max. Speed	20600rpm
Max. RCF	29400×g
Standard Rotor	12*1.5/2.0ml
Speed Precision	±50rpm
Refrigeration System	CFC-free (R404a)
Temp. Range	-20℃~40℃
Temp. Precision	±1℃
Control and Driven System	Frequency motor, micro control, direct driver
Timing Range	0~99h59min
Noise	≤65dB
Identify Rotor	Automatic
Consumption	2.0KW
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	710*560*770mm
Package Size(W*D*H) mm	885*705*1195
Net/Gross Weight(kg)	160/218



### Rotor:

Rotor	Capacity	Speed(rpm)	RCF(xg)	Rotor	Capacity	Speed(rpm)	RCF(xg)		
Angle Rotor	12*1.5/2.0ml	20600	29400	Angle Rotor	8*15ml	12000	14800		
	4*750ml	4000	3500		6*50ml	12000	13800		
Swing Rotor	4*500ml(Available adaptor: 4*250/300ml, 4*8*15ml, 4*12*10ml, 4*3*50ml, 4*19*5ml (vacuum tube))		4000	3580	Angle Rotor	8*50ml	10000	10500	
						4*100ml	10000	10500	
						6*100ml	11000	14520	
Angle Rotor	24*1.5/2.0ml	14000	18180	Microplate	6*250ml	8000	9200		
	12*5/10ml	14000	18800		2*2*96 well	4000	2360		
				4*2*96 well				4000	2910



## Large Capacity High Speed Refrigerated Centrifuge



6\*1000ml

### Features:

- \*LCD display, microprocessor control, indicating setting parameters and actual parameters at the same time.
- \*AV motor: high torque and variable frequency, free from contamination caused by carbon dust.
- \*Imported drive system and automatic control system to ensure steady and reliable operation.
- \*Safety: Over-temperature and over-speed protection, electronic locking, imbalance detection.
- \*Can set 16 procedures, parameters can be modified during running.
- \*10 levels speed-up and speed-down control.
- \*Can indicate rotor speed ascending and declining curves, centrifugal integral curves and temperature curves.

### Technical Parameters:

Model	BKC-VH10RL
Max. Capacity	6*1000ml
Max. Speed	10000rpm
Max. RCF	18300xg
Speed Precision	±50rpm
Control and Driven System	Frequency motor, micro control, direct driver
Refrigeration System	CFC-free (R404a)
Temp. Range	-20°C~40°C
Temp. Precision	±1°C
Timing Range	0~99h59min
Noise	<65dB
Consumption	5.7KW
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	840*730*950
Package Size(W*D*H) mm	1085*835*1165
Net/Gross Weight(kg)	280/370

### Rotor:

Model	Capacity	Speed(rpm)	RCF(xg)
Angle Rotor	6*1000ml	7000	11500
	6*250ml	10000	15093
	6*500ml	8000	11800

## Large Capacity High Speed Refrigerated Centrifuge

### Features:

- \* LCD display, Brushless motor
- \* Over 100 selectable procedures and freely self-defining modes.
- \* Safety: over-speed and over-temperature protection, imbalance detection, shock absorber to keep motor running smoothly, three layers steel structure to secure personnel and machine safety.



### Technical Parameters:

Model	BKC-TH20RL
Max. Capacity	6*250ml
Max. Speed	20600rpm
Max. RCF	29280xg
Standard Rotor	12*1.5/2.0ml
Speed Precision	±50rpm
Refrigeration System	CFC-free (R404a)
Temp. Control Range	-20°C ~40°C
Temp. Precision	±1°C
Control and Driver System	Frequency motor, micro control, direct driver
Timing Range	0~99h59min
Noise	<60dB
Identify Rotor	Automatic
Consumption	1.8KW
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	630*760*400
Package Size(W*D*H) mm	910*910*605
Net/Gross Weight(kg)	140/162



4\*100ml



4\*250ml



6\*100ml



8\*15ml



6\*50ml



12\*1.5/2.0ml



12\*10ml



24\*1.5/2.0ml



32\*15ml



Microplate rotor

### Rotor:

Model	Capacity	Speed(rpm)	RCF(xg)	Model	Capacity	Speed(rpm)	RCF(xg)
Angle Rotor	12*1.5/2.0ml	20600	29400	Swing Bucket Rotor	8*50ml	4000	2810
	24*1.5/2.0ml	14000	18180		32*15ml	4000	2810
	12*5/10ml	14000	18800		32*10ml	4000	2810
	8*15ml	12000	14800		48*5ml/2ml (vacuum tube)	4000	2940
	6*50ml	12000	13800		76*5ml/2ml (vacuum tube)	4000	3100
	8*50ml	10000	10500		4*250ml	4000	3290
	4*100ml	10000	10500				
	6*100ml	11000	14520				
Swing Bucket Rotor	4*50ml	5000	4600	(Available adaptor: 8*50ml, 4*6*15ml, 4*8*10ml, 4*10*5ml)			
Microplate	2*2*96well	4000	2360				

### Table Top High Speed Centrifuge



**Features for BKC-TH16II:**

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

**Technical Parameters:**

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

**Rotor:**

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

### Table Top High Speed Refrigerated Centrifuge



**Features:**

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

**Technical Parameters:**

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

**Rotor:**

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

## Large Capacity High Speed 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 and 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 levels 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, imbalance detection, dynamic electric brake system, inching function, short-spin function

### Technical Parameters:

Model	BKC-TH21RL
Max. Capacity	4*750ml
Max. Speed	21000rpm
Max. RCF	30700xg
Speed Precision	±20rpm
Temp. Range	-20~40℃
Temp. Accuracy	±1℃
Timing Range	0~99h59min59s
Noise	≤65dB
Consumption	2.5KW
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	800*700*400
Package Size(W*D*H) mm	810*770*500
Net Weight(kg)	110
Gross Weight(kg)	140

### Rotor:

No.	Rotor	Speed(rpm)	RCF(xg)	Capacity	No.	Rotor	Speed(rpm)	RCF(xg)	Capacity						
No.1	Angle Rotor	21000	30700	18*0.5ml	No.13	Adapter	4000	3500	4*8*5ml						
No.2				12*2.2/1.5ml					4*8*7ml						
No.3		16000	23550	48*0.5ml					4*8*10ml						
No.4				24*2.2/1.5ml					4*2*50ml						
No.5				17420					10*5ml	4*100ml					
No.6		15000	24300	32*2.2/1.5ml					No.14	Adapter	4000	3580	4*500ml		
No.7														23120	12*10ml
No.8			14000	20150										6*50ml	4*15*5ml
No.9				21940										4*100ml	4*15*7ml
No.10		12000	13200	12*15ml					No.15	Swing Rotor	4000	3580	4*12*10ml		
No.12	Adapter	4000	3500	4*8*15ml	4*8*15ml										
				4*4*50ml	4*2*100ml	4*2*100ml									
				4*4*10ml	4*2*50ml	4*250ml									
				4*6*10ml	4*750ml	4*750ml									
				4*8*10ml	4*12*5ml	4*12*5ml									
				4*4*15ml	4*12*7ml	4*12*7ml									
				4*6*15ml	4*18*5ml	4*18*5ml									
				4*8*15ml	4*18*7ml	4*18*7ml									
				4*2*50ml	4*24*5ml	4*24*5ml									
				/	4*24*7ml	4*24*7ml									
	5000	4390	4*50ml	No.32	Microplate	4000	2300	2*2*96well							
No.13	Swing Rotor	4000	3500	4*250ml				No.34	2300	2*2*48well					

### 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

## 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
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
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 happen, 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°C 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°C~40°C		
Temp. Accuracy	±1.0°C		
Noise	≤60dB		
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	

## Other Specific Function Centrifuge

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

### Hematocrit Centrifuge



**Features:**

- \* Adopts micro brushless motor, free-maintenance, no powder pollution, micro-computer control, LCD displays the time and speed.
- \* Electric lid lock, easy and reliable.
- \* Over-speed and imbalance protection.
- \* Frame is 3 tires protection steel jacket, with stainless steel chamber.

**Technical Parameters:**

Model	BKC-HC12B
Max. Speed	12000rpm
Max. RCF	15800xg
Max. Capacity	24 capillaries
Timer Range	0-99min59s
Noise	≤55dB
Power Supply	AC110/220V, 50/60HZ
External Size(W*D*H)mm	310*270*220
Package Size(W*D*H)mm	395*310*260
Net Weight(kg)	14
Gross Weight(kg)	16

**Rotor :**

Rotor No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.31001	Hematocrit rotor	24 capillaries	12000	15800

### PCR Centrifuge



**Features:**

- \* Microprocessor control, LED display.
- \* Brushless motor, free maintenance, speed up and down quickly.
- \* Electric lid lock, over speed and imbalance protection.
- \* Easy to set and read RCF, speed synchronizes in time.



0.2ml\*4\*8

**Technical Parameters:**

Model	BKC-PCR16
Max. Capacity	6*10ml
Max. Speed	16000rpm
Max. RCF	19040×g
Speed Precision	±20rpm
Temp. Range	-20°C~40°C
Temp. Accuracy	±1.0°C
Timing Range	1~99min
Noise	≤55dB
Power Supply	AC220V, 50/60Hz
External Size(W*D*H) mm	480*480*275
Package Size(W*D*H) mm	630*560*450
Net Weight(kg)	43
Gross Weight(kg)	57

**Rotor:**

No.	Rotor	Volume(ml)	Max Speed(r/min)	MaxRCF(×g)
No.1	Angle Rotor	6*10ml	13000	14190
No.2		40*0.5ml	13000	17210
No.3		12*1.5ml	16000	17940
No.4		20*1.5ml	14000	15580
No.5		24*1.5ml	14000	17950
No.6		30*1.5ml	13000	17930
No.7		48*1.5ml	12000	15280
No.8		24 capillaries	12000	15800
No.9		10*5ml	16000	17800
No.10		12*8PCR	13000	17220
No.11		8*8PCR	13000	11540
No.12		4*8PCR	14000	13720
No.13		6*8PCR	12000	15800

### Automatic Uncovering Centrifuge



BKC-AU4



BKC-AU5/5R

**Features:**

- \* LCD display, microprocessor control.
- \* Stainless steel chamber.
- \* Mute mechatronics motor door lock.
- \* Can store 20 procedures.
- \* 10 levels speed-up and speed-down control.
- \* Brushless motor: variable frequency, free from contamination caused by carbon dust.



48\*7/5ml



76\*7/5ml



124\*7/5ml

**Technical Parameters:**

Model	BKC-AU4	BKC-AU5	BKC-AU5R
Capacity	48*2/5ml; 76*2/5ml	124*2/5ml; 148*5ml	124*2/5ml; 148*5ml
Max. Speed	4000rpm	4000rpm	4000rpm
Max. RCF	3100×g	3400×g	3400×g
Speed Precision	±50rpm		
Refrigeration System	/		CFC-free (R404a)
Temp. Range	/		-20°C~40°C
Temp. Precision	/		±1°C
Control and Drive System	Frequency motor, micro control, direct driver		
Identify Rotor	/		Automatic
Timing Range	0~99h59min		
Noise	≤65dB		
Consumption	800W	1000W	2000W
Power Supply	AC110/220V, 50/60Hz		
External Size(W*D*H) mm	630*500*420	710*560*770	710*560*770
Package Size(W*D*H) mm	780*840*570	900*750*970	900*750*1195
Net/Gross Weight(kg)	50/88	75/105	150/215



### PCR Centrifuge



**Features:**

- \* Microprocessor control, LED display.
- \* Brushless motor, free maintenance, speed up and down quickly.
- \* Electric lid lock, over speed and imbalance protection.
- \* Easy to set and read RCF, speed synchronizes in time.



0.2ml\*4\*8

**Technical Parameters:**

Model	BKC-PCR16
Max. Capacity	6*10ml
Max. Speed	16000rpm
Max. RCF	19040×g
Speed Precision	±20rpm
Temp. Range	-20°C~40°C
Temp. Accuracy	±1.0°C
Timing Range	1~99min
Noise	≤55dB
Power Supply	AC220V, 50/60Hz
External Size(W*D*H) mm	480*480*275
Package Size(W*D*H) mm	630*560*450
Net Weight(kg)	43
Gross Weight(kg)	57

**Rotor:**

No.	Rotor	Volume(ml)	Max Speed(r/min)	MaxRCF(×g)
No.1	Angle Rotor	6*10ml	13000	14190
No.2		40*0.5ml	13000	17210
No.3		12*1.5ml	16000	17940
No.4		20*1.5ml	14000	15580
No.5		24*1.5ml	14000	17950
No.6		30*1.5ml	13000	17930
No.7		48*1.5ml	12000	15280
No.8		24 capillaries	12000	15800
No.9		10*5ml	16000	17800
No.10		12*8PCR	13000	17220
No.11		8*8PCR	13000	11540
No.12		4*8PCR	14000	13720
No.13		6*8PCR	12000	15800

### Automatic Uncovering Centrifuge



BKC-AU4



BKC-AU5/5R

**Features:**

- \* LCD display, microprocessor control.
- \* Stainless steel chamber.
- \* Mute mechatronics motor door lock.
- \* Can store 20 procedures.
- \* 10 levels speed-up and speed-down control.
- \* Brushless motor: variable frequency, free from contamination caused by carbon dust.



48\*7/5ml



76\*7/5ml



124\*7/5ml

**Technical Parameters:**

Model	BKC-AU4	BKC-AU5	BKC-AU5R
Capacity	48*2/5ml; 76*2/5ml	124*2/5ml; 148*5ml	124*2/5ml; 148*5ml
Max. Speed	4000rpm	4000rpm	4000rpm
Max. RCF	3100×g	3400×g	3400×g
Speed Precision	±50rpm		
Refrigeration System	/		CFC-free (R404a)
Temp. Range	/		-20°C~40°C
Temp. Precision	/		±1°C
Control and Drive System	Frequency motor, micro control, direct driver		
Identify Rotor	/		Automatic
Timing Range	0~99h59min		
Noise	≤65dB		
Consumption	800W	1000W	2000W
Power Supply	AC110/220V, 50/60Hz		
External Size(W*D*H) mm	630*500*420	710*560*770	710*560*770
Package Size(W*D*H) mm	780*840*570	900*750*970	900*750*1195
Net/Gross Weight(kg)	50/88	75/105	150/215

## Gel Card Centrifuge

### Application:

Gel card centrifuge is used in blood serology, blood type routine test, erythrocyte washing, microcolumn agglutination, immunology and other tests.



### Features:

- \* DC Brushless motor, low noise.
- \* Microprocessor control system & soft touch control panel.
- \* LCD display: RCF, Speed, Time.
- \* Electric lid interlock, over speed and imbalance protection.
- \* 20 programs for standard and programmability are available.

### Technical Parameters:

Model	BKC-GC12	BKC-GC24
Max. Speed	4000rpm	
Max. RCF	2250xg	
Rotor	12 cards	24 cards
Speed Precision	±20rpm	
Time Range	0-99min	
Noise	≤55dB	
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)mm	460*320*230	500*360*250
Package Size(W*D*H)mm	560*395*330	610*435*340
Gross Weight(kg)	18	21

## Table Top Dairy Centrifuge



### Application:

It is special equipment for milk and dairy analysis, such as analyze the samples after fat separation through pasteurization, Gerber's method, etc.

### Features:

- \* The LCD display indicates the speed, time and temperature.
- \* Microprocessor control.
- \* Electric lid lock, over speed, over temperature and imbalance protection.
- \* Stainless steel centrifugal chamber and lid.

### Technical Parameters:

Model	BKC-MF5A
Max. Capacity	8*Gerber tubes
Max. Speed	1500rpm
Max. RCF	420xg
Speed Precision	±50rpm
Temp. Range	RT+10°C-65°C
Timing Range	0-99h59min
Noise	≤60dB
Consumption	1.5KW
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H)mm	620*415*330
Package Size(W*D*H)mm	720*610*530
Net/Gross Weight(kg)	35/60

### Rotors for BKC-MF5A:

Rotor No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Angle Rotor	8*Gerber tubes	1500	420

## Table Top Dairy Centrifuge

### Application:

It is special equipment for milk and dairy analysis, such as analyze the samples after fat separation through pasteurization, Gerber's method, etc.



### Features:

- \* The digital display indicates the speed, time and temperature.
- \* Microprocessor control.
- \* Electric lid lock, over speed, over temperature and imbalance protection.
- \* Stainless steel centrifugal chamber and lid.

### Technical Parameters:

Model	BKC-MF5B	BKC-MF5C
Max. Capacity	4*300ml	4*800ml
Max. Speed	5000rpm	
Max. RCF	4730×g	
Speed Precision	±20rpm	
Timing Range	0~99min	
Noise	≤58dB	
Consumption	600W	450W
Power Supply	AC110V/220V±10%, 50/60Hz	
External Size(W*D*H)mm	620*450*360	685*500*395
Package Size(W*D*H)mm	820*520*520	870*580*520
Net/Gross Weight(kg)	51/67	66/77

### Rotor for BKC-MF5B:

NO	Rotors	Volume(ml)	Max Speed(r/min)	MaxRCF(×g)
No.1	Swing Rotor	4*300ml(Round cup)	4000	2920
No.2		4*300ml (Square cup)		
No.3	Microplate	2*4*96 Well	4000	2490
		2*3*48 Well		2300
No.4	Swing Bucket Rotor	4*1*50ml	5000	4730
		4*1*100ml		4730
4*2*100ml		4000	3020	
4*2*50ml			3200	
4*4*15ml			3200	
4*6*15ml			3200	
4*8*15ml			3200	
4*8*5ml Vacuum tube			2480	
4*8*7/10ml Vacuum tube			2480	
4*12*10ml Vacuum tube			2880	
4*16*5/7ml Vacuum tube	2790			
4*6*10/7/5ml Vacuum tube	2790			
4*4*10/7/5ml Vacuum tube	2790			
No.6	Swing Rotor	4*24*5ml Vacuum tube	4000	2750
No.7		4*24*7ml Vacuum tube		
			4*16*10ml Vacuum tube	4000
No.8	Angle Rotor	6*15ml	5000	2540
No.9		12*15ml	5000	3080
No.10		24*15ml	5000	3500
No.11		30*15ml	5000	3830
No.12		4*50ml	5000	2520
No.13		6*50ml	5000	2850
No.14		12*50ml	5000	3860
No.15		24*50ml	4000	2970
No.16		4*100ml	5000	2630
No.17		6*100ml	5000	3130
No.18	12*100ml	4000	2970	

### Crude Oil Centrifuge



4\*100ml

**Features:**

- \* 3 phase to keep the best performance.
- \* Stainless steel chamber, safe and reliable.
- \* Electric lid lock, over-speed and over-temperature protection.
- \* Centrifugal tube made in special skill, anti-broken when work.
- \* Programmable microprocessor control system, big LCD indicates rotor No, speed, time, temperature, RCF, rate of speed as well as fault information.
- \* Adopts band heater, fast heating speed, temperature uniform, with the function of temperature-control and constant.
- \* Great torque brushless motor, maintenance-free, no powder, fast acceleration and deceleration, low noise, which improve the stability a lot.

**Technical Parameters:**

Model	BKC-OIL5B
Max. Speed	4000rpm
Max. RCF	2498xg
Max. Capacity	4*100ml
Timer Range	1~99min
Noise	≤60dB
Power Supply	AC110/220V, 50/60HZ
External Size(W*D*H)mm	685*500*405
Package Size(W*D*H)mm	870*590*520
Net Weight(kg)	67
Gross Weight(kg)	77

### 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.

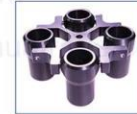


**Technical Parameters:**

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)