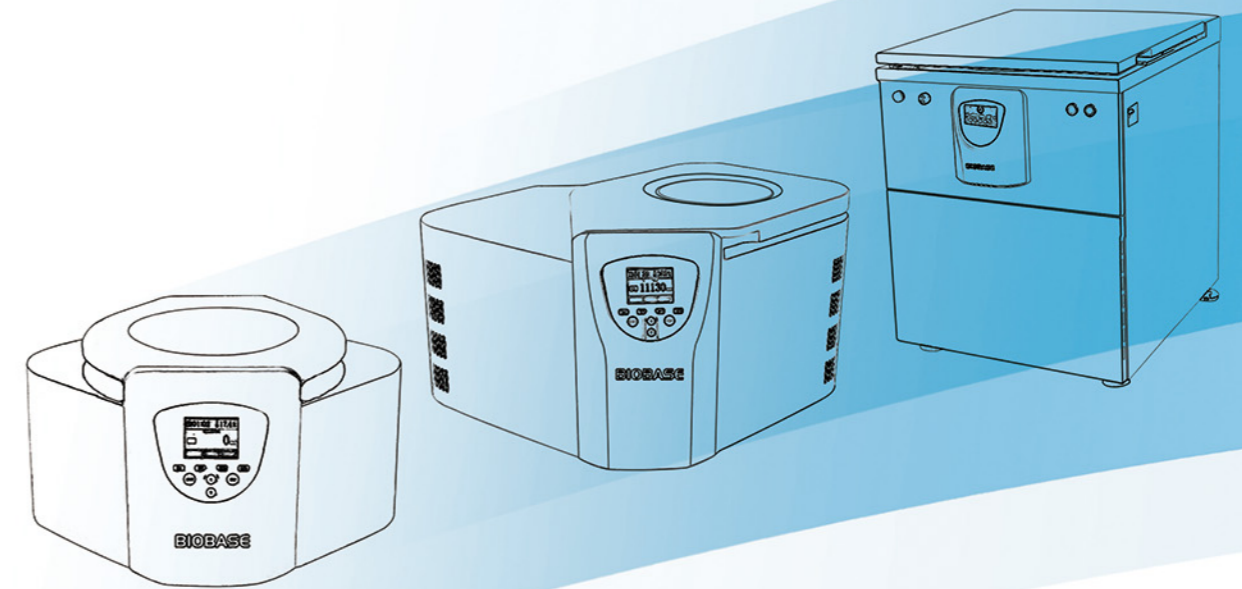


BIOBASE®

Centrifuge



BIOBASE GROUP

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Version 2022-1

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

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

High Speed Centrifuge-----38

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

Other Specific Function Centrifuge-----74

- Cytology Centrifuge
- Microplate Centrifuge
- Capillary Centrifuge
- Gel Card Centrifuge
- Automatic Uncovering Centrifuge
- Table Top Dairy Centrifuge
- Immune Blood Centrifuge
- PRP 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

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

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

Low Speed Centrifuge(economical type)

Introduction	Picture	Technical Parameters
<p>Model: LC-HD 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>Model: LC-4KII 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>Model: LC-H4KII 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>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</p>		<p>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</p>
<p>Model: LC-4K-2 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>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.</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>Model: LC-4KB 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>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.</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>Model: LC-T4K 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: 2325xg Power supply: AC110/220V, 50/60Hz Packing size: 340*370*290mm Gross weight: 10kg</p>
<p>Model: LC-H4K 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>

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:

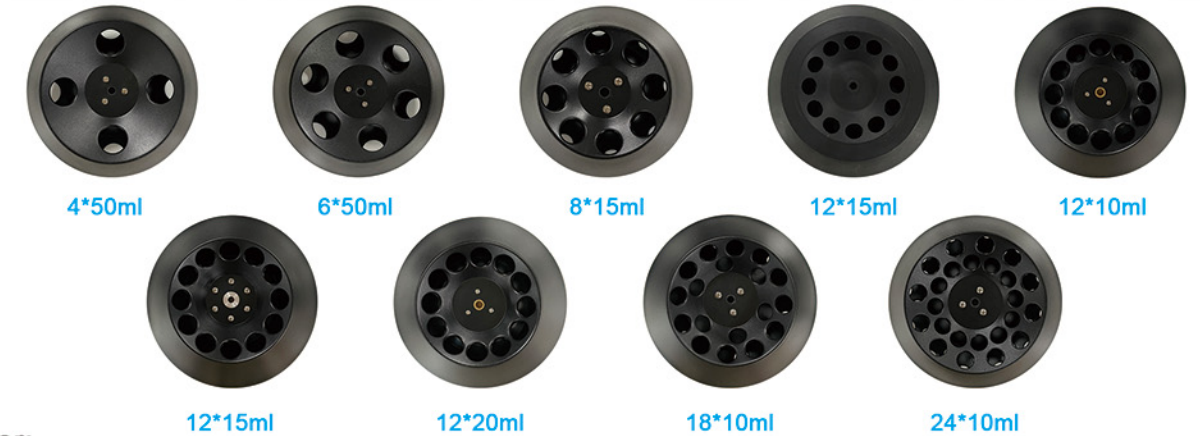
It can be widely used in the separation of particles of different density at single temperature in scientific research laboratory and production of radioimmunity, biochemistry, pharmacy and so on.

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

Features:

- * Small size, safe and reliable, easy to use.
- * Adjustable acceleration levels: 10, deceleration levels: 10.
- * The fuselage is made of high-quality plastic mold material, with explosion-proof protection.
- * Adopt DC brushless motor, stable operation, small vibration and low noise.
- * The button-type programming design can display the running parameters in real time, and the operation is more intuitive.
- * Centrifugal speed, time, and elevating speed can be set freely, and centrifugal force can be checked at any time.
- * Ultra-low noise, microcomputer control, intelligent interface, fault display, door cover, overspeed and other automatic protection functions.

Technical Parameters:

Model	BKC-TL4C
Max. Speed	4000rpm
Max. RCF	1880xg
Max. Capacity	8*20ml
Speed Precision	±10rpm
Time Range	1s~99min59s
Power Supply	AC 100~240V, 50/60Hz
Consumption	65W
Noise	≤55dB
External Size(L*W*H)mm	310*270*210
Package Size(L*W*H)mm	370*310*250
Net Weight/Gross Weight(kg)	7.5/8.5

Rotor:

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

Table Top Low Speed Centrifuge



Introduction:

BKC-TL4X blood bank special automatic balancing centrifuge is a special centrifuge designed to meet the needs of rapid centrifugation in blood banks.

Features:

- * Microcomputer processor control, OLED real-time display of all operating parameters.
- * Adjustable acceleration levels: 10, deceleration levels: 10.
- * Brushless DC motor, no dust pollution, maintenance free.
- * Unique ventilation and cooling design: when the rotation speed is less than 4000r/min for a long time, the sample is only raised by 5 degrees Celsius.
- * 20 sets of centrifugation programs can be stored.
- * Safety door lock, over temperature protection, unbalance detection function.
- * Humanized operation interface, concise and clear, easy to operate.

Technical Parameters:

Model	BKC-TL4X
Max. Speed	4000rpm
Max. RCF	2250xg
Max. Capacity	24*10ml
Speed Precision	±20rpm
Time Range	1s~999min
Power Supply	AC220V, 50/60Hz(Standard); 110V, 60Hz (Optional)
Consumption	200W
Noise	≤65dB
External Size(L*W*H) mm	350*400*270
Package Size(L*W*H) mm	410*510*310
Net Weight/Gross Weight(kg)	18/20

Rotor:

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

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



4*50ml



4*100ml



6*50ml



12*5/7ml



30*5/7ml

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

Features:

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

Technical Parameters:

Model	BKC-TL5B
Max.Speed	5000rpm
Max.RCF	4807×g
Max.Capacity	4*250ml
Speed Precision	±30rpm
Time Range	1min~99h59min
Power Supply	AC110/220V 50/60Hz
Noise	≤65dB(A)
External Size(L*W*H)	500*620*410mm
Package Size(L*W*H)	596*736*673mm
Net/Gross Weight	56/70kg

Rotor:

Type	NO.	Capacity	Max.Speed(rpm)	Max.RCF(×g)	Adapter
Swing Rotor	5M00024	48*3/4/5/7ml	4000	2952	/
	5M00025	48*3/4/5/7ml		2952	/
	5M00029	16*15/10ml		2957	/
	5M00030	24*15/10ml		2952	/
	5M00031	32*15/10ml		2952	/
	5M00032	4*50ml	5000	4626	/
	5M00033	8*50ml	4000	2952	/
	5M00034	4*100ml	5000	4807	/
	5M00036	8*100ml	4000	3077	/
	5M00038	4*250ml	4200	3065	40*1.5(▲), 40*2ml(●), 24*10ml(▲), 24*10ml(●), 20*15ml, 4*50ml(▲), 8*50ml, 4*100ml
Microplate Rotor	5M00045	2*2*96well	4000	2361	/

Table Top Low Speed Large Capacity Centrifuge



Introduction:

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

Features:

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

Technical Parameters:

Model	BKC-TL5C
Max.Speed	5000rpm
Max.RCF	4807×g
Max.Capacity	4*500ml
Speed Precision	±30rpm
Time Range	1min~99h59min
Power Supply	AC110/220V 50/60Hz
Noise	≤65dB(A)
External Size(L*W*H)	500*620*410mm
Package Size(L*W*H)	596*736*673mm
Net/Gross Weight	56/70kg

Rotor:

Type	NO.	Capacity	Max.Speed(rpm)	Max.RCF(×g)	Adapter
Swing Rotor	5M00024	48*3/4/5/7ml	4000	2952	/
	5M00025	48*3/4/5/7ml		2952	/
	5M00029	16*15/10ml		2957	/
	5M00030	24*15/10ml		2957	/
	5M00031	32*15/10ml		2952	/
	5M00032	4*50ml		5000	4626
	5M00033	8*50ml	4000	2952	/
	5M00034	4*100ml	5000	4807	/
	5M00036	8*100ml	4000	3077	/
	5M00038	4*250ml	4200	3065	40*1.5(▲), 40*2ml(●), 24*10ml(▲), 24*10ml(●), 20*15ml, 4*50ml(▲), 8*50ml, 4*100ml
	5M00039	4*500ml	4000	3130	/
	Microplate Rotor	5M00045	2*2*96well	4000	2361

Table Top Low Speed Centrifuge



4*6*15ml



4*2*50ml



4*1*100ml

Introduction:

BKC-TL5E 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-TL5E
Max.Speed	5000rpm
Max.RCF	3500×g
Max.Capacity	4*2*100ml
Speed Precision	±1% or ±20rpm
Time Range	1s~999min
Power Supply	Standard: AC220V 50/60Hz; Optional: AC110V 50/60Hz
Consumption	500W
Noise	≤65dB(A)
External Size(L*W*H)	540*410*330mm
Package Size(L*W*H)	700*530*480mm
Net/Gross Weight	40kg/55kg

Rotor:

Type	NO	Capacity	Max.Speed(rpm)	Max.RCF(×g)
Swing Rotor	NO.1	4*1*50ml	4000	2846
	NO.2	4*1*100ml		3007
	NO.3	4*2*50ml		2846
	NO.4	4*2*100ml		3007
	NO.5	4*4*2/5/10/15ml		2705
	NO.6	4*6*2/5/10/15ml		2705
	NO.7	4*8*2/5/10ml		2705
Angle Rotor	NO.8	8*15ml	5000	3300
	NO.9	12*10ml		3440
	NO.10	12*15ml		3440
	NO.11	12*20ml		3360
	NO.12	18*10ml		3500
	NO.13	24*10ml		3500
	NO.14	4*50ml		3300
	NO.15	6*50ml		3300
	NO.16	4*100ml		3300

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	/
	Adapter	4*2*50ml		3200
		4*9*10ml		2810
		4*1*50ml		4390
		4*1*100ml		4390
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		2810
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, 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*500ml cup	4000	3580				
		4*9*15ml						
	Adapter	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)		4000					
	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*100ml								
No.4	Swing Rotor	4*50ml PRP cup	4000	3200				
No.5	Swing Rotor	4*250ml Support	/	3500				
	Tube Rack	4*2*50ml (▲)	4000					
		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		2810				
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	430*340*250
Package Size(W*D*H)mm	510*420*330	510*420*330
Net/Gross Weight(kg)	20/22	17/20

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
NO.2	Swing Rotor	4200	3500	4*250ml	Φ62*110
				4*500ml	Φ80*137
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.



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

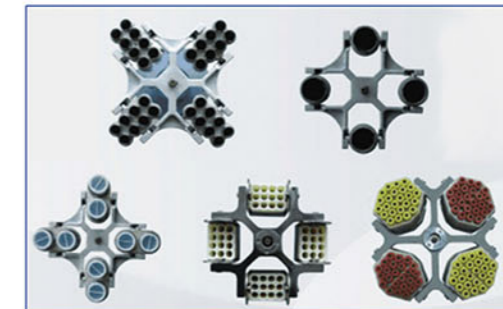
Rotor for BKC-VL6RLII:

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

Table Top Low Speed Large Capacity Centrifuge



Technical Parameters:

Model	BKC-TL5LII
Max. Capacity	4*750ml
Max. Speed	5500rpm
Max. RCF	5310xg
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	
				4*8*7/5ml	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 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°C
Temperature Accuracy	±1°C
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:

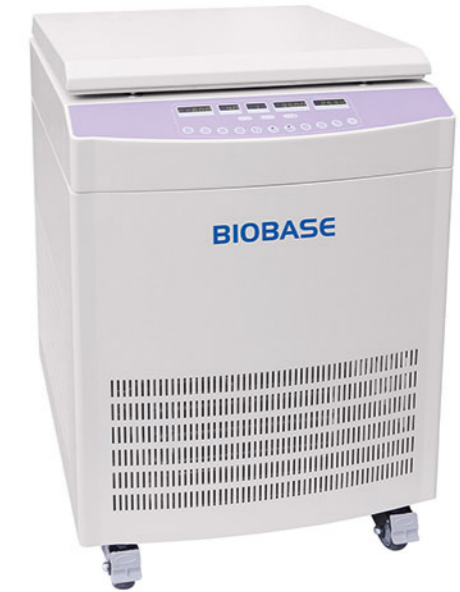
With mark (●) is round-bottom tube, with mark (▲) is sharp-bottom tube. Custom adapter according the user's requirements.

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°C
Temperature Accuracy	±1°C
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

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*20/15ml, 18*10ml, 24*10ml	4*50ml, 4*100ml, 12*15/10ml
Max. Speed	4000rpm		
Max. RCF	2600xg	2600xg	2490xg
Speed Precision	±30rpm		
Timing Range	1min~99h59min inching function		
Noise	≤60dB		
Power Supply	AC220V, 50/60Hz (Standard); AC110V, 60Hz (Optional)		
External Size(W*D*H) mm	500*450*280		
Package Size(W*D*H) mm	700*630*480		
Net Weight(kg)	20		
Gross Weight(kg)	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-TL5III	BKC-TL5IV
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	1min~99h59min	
Noise	≤60dB	
Consumption	500W	
Power Supply	AC220V, 50/60Hz (Standard); AC110V, 60Hz (Optional)	
External Size(W*D*H) mm	600*540*360	
Package Size(W*D*H) mm	720*600*500	
Net/Gross Weight(kg)	35/56	



12*10ml



4*250ml



8*50ml



48*5ml



32*15ml



Micro-plate rotor

Rotor:

Rotor	Capacity	BKC-TL5III		BKC-TL5IV	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
Angle Rotor	12*10ml/15ml	5500	3382	/	/
Swing Rotor	4*250ml	4000	2780	4000	2780
Adapter	8*50ml	4000	3290	4000	3290
	24*15ml				
	32*10ml				
	48*5ml				
Swing Bucket Rotor	8*50ml	4000	2960	4000	2960
	4*50ml	5000	4600	5000	4600
	4*100ml	5000	4800	5000	4800
	24*15ml/10ml	5000	4620	4000	2960
	32*15ml	4000	2960	4000	2960
	32*10ml	4000	2960	4000	2960
Swing Rotor	76*5ml/2ml	4000	3080	4000	3080
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	4514xg	4800xg	4800xg
Timing Range	1min~99h59min			
Speed Precision	±50rpm			
Noise	<60dB			
Consumption	450W	350W	500W	
Power Supply	AC220V, 50/60Hz(Standard);AC110V,60Hz(Optional)			
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:



4*250ml



8*50ml



Micro-plate rotor



12*10ml



32*15ml



8*50ml



48*5ml

Rotor for BKC-TL5:

No.	Rotor	Capacity	Speed(rpm)	RCF(xg)	No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Swing Bucket Rotor	Support			No.1	Swing	24*15ml/10ml	4000	2960
		4*50ml	5000	4600		Bucket	32*10ml/15ml	4000	2960
	Rotor	4*100ml	5000	4800	No.2	Swing Rotor	48*5ml/2ml	4000	2960
		8*50ml	4000	2960			76*5ml/2ml	4000	3080

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	3120	No.4	Swing Rotor	16*10 /15ml	4000	2764
No.2		12*15/20ml	4000	2600					
No.3	Swing Rotor	4*100ml	5000	4514			4*50ml	5000	4318

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	3740	No.5	Swing Bucket Rotor	4*100ml	5000	4800
No.2	Swing Bucket Rotor	16*15ml/10ml	5000	4620			8*50ml	4000	2960
No.3		24*10ml/15ml	4000	2960			32*15ml	4000	2960
No.4	Swing Rotor	4*250ml	4000	2780			Rotor	32*10ml	4000
	Adapter	8*50ml, 24*15ml, 32*10ml, 40*5ml			48*5ml/2ml	4000		2960	
No.5	Swing Bucket Rotor	Support			No.6	Microplate	2*2*96well	4000	2360
		4*50ml	5000	4600	No.7	Swing Rotor	76*5ml/2ml	4000	3080

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	6000	3740	No.2	Swing Bucket Rotor	32*15ml	4000	2960
No.2	Swing Bucket Rotor	Support					32*10ml	4000	2960
		4*50ml	5000	4600			48*5ml/2ml	4000	2960
No.2	Bucket Rotor	4*100ml	5000	4800	No.3	Swing Rotor	76*5ml/2ml	4000	3080
		8*50ml	4000	2960	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	5000rpm
Max. RCF	4800×g
Timing Range	1min~99h59min, inching function
Noise	≤60dB
Power Supply	AC220V, 50/60Hz(Standard);AC110V, 60Hz(Optional)
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	2600
No.2	Swing Rotor	4*500ml (round cup), Available adaptor: (4*250ml/300ml, 4*100ml, 12*50ml, 32*15ml, 48*10ml, 72*5ml)	4000	3580
No.3	Swing Rotor	4*250ml	4000	2780
		148*5ml/2ml	4000	3420
		76*5ml/2ml	4000	3080
No.4	Swing Bucket Rotor	Support		
		4*100ml	5000	4800
		8*50ml	4000	2960
		32*15ml	4000	2960
		32*10ml	4000	2960
No.5	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	6142×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	1min~99h59min		
Noise	≤60dB		
Consumption	1.8KW		
Power Supply	AC220V, 50/60Hz(Standard);AC110V,60Hz(Optional)		
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	4055	8000	6142	Angle Rotor	12*10ml	5500	3140
Swing Rotor	4*500ml	4000	3580	5000	3580	Swing Rotor	4*500ml	4000	3580
Swing Rotor	4*250ml	4000	2780	4000	2780	Swing Rotor	4*250ml		
Adapter	8*50ml, 4*6*15ml, 4*8*10ml, 4*10*5ml					Adapter	8*50ml	4000	2780
							4*6*15ml		
							4*8*10ml		
							4*10*5ml		
							Support		
Swing Bucket Rotor	4*50ml	5000	4600	5000	4600	Swing Bucket Rotor	4*50ml	5000	4600
	4*100ml	5000	4800	5000	4800		4*100ml	5000	4800
	8*50ml	4000	2960	4000	2960		8*50ml	4000	2960
	32*15ml	4000	2960	4000	2960		32*15ml	4000	2960
	32*10ml	4000	2960	4000	2960		32*10ml	4000	2960
	48*5ml/2ml	4000	2960	4000	2960		48*5ml/2ml	4000	2960
Swing Rotor	76*5ml/2ml	4000	3080	4000	3080	Swing Rotor	76*5ml/2ml	4000	3080
Microplate	2*2*96well	4000	2360	4000	2360	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	6142xg
Speed Precision	±50rpm		
Refrigeration System	CFC-free (R404a)		
Temp. Range	-20°C~40°C		
Temp. Precision	±1°C		
Timing Range	1min~99h59min		
Noise	≤60dB		
Consumption	2.0KW		
Power Supply	AC220V, 50/60Hz(Standard);AC110V, 60Hz(Optional)		
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	3140	6500	4055	8000	6142
Swing Rotor	4*750ml	4000	3520	4000	3520	4000	3520
Swing Bucket Rotor	4*500ml(round cup) (Available adaptor: 4*250ml/300ml, 4*100ml, 12*50ml, 32*15ml, 48*10ml, 72*5ml)	4000	3580	4000	3580	4000	3580
Swing Rotor	148*5ml/2ml	4000	3420	4000	3420	4000	3420
	76*5ml/2ml	4000	3080	4000	3080	4000	3080
Swing Bucket Rotor	16*15ml/10ml	4000	2960	4000	2960	4000	2960
	4*100ml	5000	4800	5000	4800	5000	4800
	24*10ml	4000	2960	4000	2960	4000	2960
	8*50ml	4000	2960	4000	2960	4000	2960
	32*15ml	4000	2960	4000	2960	4000	2960
	32*10ml	4000	2960	4000	2960	4000	2960
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.



6*1000ml

6*500ml

Technical Parameters:

Model	BKC-VL6RL	BKC-VL8RL
Max. Capacity	6*1000ml	6*1000ml
Max. Speed	6000rpm	8000rpm
Max. RCF	5167xg	11377xg
Speed Precision	±50rpm	
Refrigeration System	CFC-free (R404a)	
Temp. Range	-20°C~40°C	
Temp. Precision	±1°C	
Timing Range	1min~99h59min	
Noise	≤65dB	
Consumption	4.0KW	
Power Supply	AC220V, 50/60Hz(Standard);AC110V, 60Hz(Optional)	
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	6680	8000	11377
Swing Rotor	6*1000ml	4200	5167	4200	5167
	4*1000ml	/	/	4000	4050

High Speed Centrifuge

* Table Top High Speed Centrifuge

* High Speed Refrigerated Centrifuge

* Large Capacity High Speed Refrigerated Centrifuge

* Table Top High Speed Refrigerated Centrifuge

* Micro High Speed Centrifuge

Table Top High Speed Centrifuge



Introduction:

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

Application:

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

Features:

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

Technical Parameters:

Model	BKC-TH16B
Max. Capacity	12*10ml
Max. Speed	16000rpm
Max. RCF	19722×g
Timing Range	1~99H59min/ Continuous/Short-spin
Speed Precision	±35rpm
Noise	≤62dB
Consumption	500W
Power Supply	AC220V, 50/60Hz(Standard);110V,60Hz(Optional, External transformer)
External Size(L*W*H) mm	340*448*305
Net Weight(kg)	29
Package Size(L*W*H) mm	456*550*460
Gross Weight(kg)	32



Rotor:

NO.	Capacity	Max Speed(rpm)	Max RCF(×g)	Adapters
16M0003	8*7ml	14000	16435×g	/
16M0005	12*10ml	12000	14329×g	1.5ml, 5ml
16M0006	12*1.5/2ml	16000	18032×g	0.2ml
16M0007	18*1.5/2ml	15000	18867×g	0.5ml
16M0008	24*1.5/2ml	14000	19722×g	0.5ml
16M0009	10*5ml	13500	14263×g	1.5ml

Table Top High Speed Centrifuge



Introduction:

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

This product is mainly used for the separation of human samples before sample analysis.

Features:

- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, stable operation.
- * Button-type programming design, LED display, can set parameters such as speed and time.
- * It adopts electromechanical integration door lock, which is easy to use, safe and reliable.
- * Silicone integral sealing ring is used to avoid aerosol overflow and ensure the safety of staff.
- * Real-time detection of door lock and motor status, safe and reliable operation.
- * The whole machine adopts all-steel structure, plastic-sprayed shell, safe and beautiful.
- * Small size and space saving.
- * Various angle rotors and adapters are available for 0.2ml-2ml centrifuge tubes.

Application:

The BKC-TH16MB table top high-speed centrifuge can perform high-purity separation and extraction of samples, and is mostly used for the separation, preparation and enrichment of blood, cells, proteins, enzymes, viruses, etc.

Technical Parameters:

Model	BKC-TH16MB
Max. Capacity	12*2ml
Max. Speed	16000rpm
Max. RCF	18032×g
Timing Range	1~99min
Speed Precision	±40rpm
Noise	≤65dB
Consumption	150W
Power Supply	AC220V, 50/60Hz(Standard);110V,60Hz(Optional)
External Size(L*W*H) mm	270*335*236
Net Weight(kg)	18
Package Size(L*W*H) mm	386*435*380
Gross Weight(kg)	21



12*1.5/2ml



2*8*0.2ml



4*8*0.2ml

Rotor:

NO.	Capacity	Max Speed(rpm)	Max RCF(×g)	Adapters
16M0001	12*1.5/2ml	16000	18032×g	0.2ml, 0.5ml
16M0002	2*8*0.2ml	15000	15093×g	/
16M0003	4*8*0.2ml	13000	14171×g	/

Table Top High Speed Centrifuge



Application:

Widely used in medical and biological, chemical, pharmaceutical and other fields. It utilizes the strong centrifugal force generated by the high-speed rotation of the rotor to separate liquid and solid particles or components in liquid mixtures, and is suitable for rapid separation and synthesis of trace samples.

Features:

- * With instant centrifugal function.
- * A variety of rotors are available to match different experimental needs.
- * 20 kinds of running programs can be stored, and 15 kinds of lifting speed can be selected.
- * Multi-stage shock absorption protection, small vibration, to ensure the best centrifugal effect.
- * Embedded microprocessor control, DC brushless motor drive, smooth operation.
- * Centrifugal speed, time, and speed can be set.
- * Button-type programming design, high-definition LCD display, can display all operating parameters in real time, and the operation is more intuitive.
- * It has multiple protection functions and perfect fault alarm functions, and has alarm reminders such as door cover inter lock, overspeed, unbalance protection, etc.

Technical Parameters:

Model	BKC-TH16E
Max. Speed	16000rpm
Max. RCF	20878*g
Max. Capacity	12*10ml
Timing Range	1s-999min
Speed Precision	±20rpm or ±1%, choose higher one
Power Supply	Standard: 220V 50Hz, Optional: 110V 60Hz, external transformer
Noise	≤60dB (A)
External Size	465*305*305mm
Net Weight	24kg
Packing Size	510*425*360mm
Gross Weight	27kg

Rotor Parameters:

No.	Rotor	Capacity	Max. Speed(rpm)	Max. RCF
No.1	Angel rotor	12*1.5/2ml	16000	17800*g
No.2		24*1.5/2ml	15000	20878*g
No.3		10*5ml	16000	19040*g
No.4		12*10ml	12000	14800*g
No.5		30*0.5ml	15000	18510*g
No.6		6*10ml	12000	14800*g

Table Top High Speed Centrifuge



Features:

- * BKC-TH18I: two-stage shock absorption.
- * OLED screen display, speed, time, centrifugal force, speed, centrifugal time intuitive display.
- * Embedded microcomputer processor for precise control.
- * Intelligent induction door lock, emergency unlock function and overspeed, imbalance protection.
- * DC brushless motor, no dust pollution, maintenance-free.
- * The body adopts high quality steel, the middle layer is equipped with explosion-proof protective sleeve, built-in stainless steel ventricle, three layers of protection, safe and reliable.

Introduction:

High speed centrifuge is mainly used for bacterial separation, protein precipitation, nucleic acid extraction, sub-cellular components and other smaller molecular separation, high speed centrifuge has greater centrifugal force, with different angle rotor.

Application:

BKC-TH18I is suitable for medical, bio-pharmaceutical, agricultural science, environmental protection and other scientific research units, university laboratories.

Technical Parameters:

Model	BKC-TH18I
Max.Speed	18500rpm
Max.RCF	23900*g
Max.Capacity	6*50ml
Speed Precision	±20rpm
Time Range	1~999min
Power Supply	Standard: AC220V 50/60Hz Optional: AC110V 50/60Hz
Consumption	500W
Noise	≤65dB(A)
External Size(L*W*H)	510*360*300mm
Package Size(L*W*H)	570*420*360mm
Net/Gross Weight	39kg/41kg

Rotor:

Model	BKC-TH18I			
Angle Rotor	NO.	Capacity	Max.Speed (rpm)	Max.RCF (xg)
	NO.1	12*1.5/2.0ml	18500	23990
	NO.2	24*1.5/2.0ml	14000	20600
	NO.3	10*5ml	14000	16370
	NO.4	12*10ml	12000	14510
	NO.5	6*50ml	11000	13480
	NO.6	30*0.5ml	15000	18510

Micro High Speed Centrifuge



Features:

- * Digital display, switch display RCF value.
- * Microcomputer processor control.
- * Setting parameters during operation can be modified.
- * Multi-stage shock absorption, centrifuge vibration is small.
- * DC brushless motor drive.
- * Automatic induction door lock, unbalanced protection.
- * 10 levels speed-up and speed-down control.
- * Can store 20 procedures.

Technical Parameters:

Model	BKC-MH20-B
Max.Speed	20500rpm
Max.RCF	29200×g
Max.Capacity	6*50ml
Speed Precision	±20rpm
Time Range	1~999min
Power Supply	Standard: AC220V 50/60Hz Optional: AC110V 50/60Hz
Consumption	600W
Noise	≤65dB(A)
External Size(L*W*H)	490*350*280mm
Package Size(L*W*H)	550*410*340mm
Net/Gross Weight	25kg/27kg

Rotor:

Type	NO	Capacity	Max.Speed(rpm)	Max.RCF(×g)
Angle Rotor	NO.1	12*1.5/2.0ml	20500	29200
	NO.2	24*1.5/2.0ml	16000	23400
	NO.3	30*1.5/2.0ml	13500	19340
	NO.4	48*1.5/2.0ml	13000	17930
	NO.5	12*10ml	16000	21500
	NO.6	30*0.5ml	15000	18510

Table Top High Speed Centrifuge



Features:

- * BKC-TH21WC: multi-stage shock absorption.
- * OLED screen display, speed, time, centrifugal force, speed, centrifugal time intuitive display.
- * Embedded microcomputer processor for precise control.
- * Intelligent induction door lock, emergency unlock function and overspeed, imbalance protection.
- * DC brushless motor, no dust pollution, maintenance-free.
- * The body adopts high quality steel, the middle layer is equipped with explosion-proof protective sleeve, built-in stainless steel ventricle, three layers of protection, safe and reliable.

Introduction:

High speed centrifuge is mainly used for bacterial separation, protein precipitation, nucleic acid extraction, sub-cellular components and other smaller molecular separation, high speed centrifuge has greater centrifugal force, with different

Application:

BKC-TH21WC is widely used in centrifugal applications of molecular biology, clinical medicine, genetic biology, protein nucleic acid and PCR experiments.

Technical Parameters:

Model	BKC-TH21WC
Max.Speed	21000rpm
Max.RCF	30900×g
Max.Capacity	6*50ml
Speed Precision	±20rpm
Time Range	1~999min
Power Supply	Standard: AC220V 50/60Hz Optional: AC110V 50/60Hz
Consumption	600W
Noise	≤65dB(A)
External Size(L*W*H)	490*350*280mm
Package Size(L*W*H)	550*410*340mm
Net/Gross Weight	25kg/27kg

Rotor:

Model	BKC-TH21WC			
Angle Rotor	NO.	Capacity	Max.Speed (rpm)	Max.RCF (×g)
	NO.1	12*1.5/2.0ml	21000	30900
	NO.2	24*1.5/2.0ml	17000	26460
	NO.3	30*1.5/2.0ml	13500	19340
	NO.4	48*1.5/2.0ml	13000	17930
	NO.5	12*10ml	16000	21500
	NO.6	30*0.5ml	15000	18510

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°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, 50/60Hz (Standard); 110V 60Hz (Optional, External transformer)
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

Table Top High Speed Centrifuge



12*1.5ml



24*1.5ml



4*500ml



Microplate rotor

Introduction:

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

Features:

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

Technical Parameters:

Model	BKC-TH21RM
Max.Speed	21000rpm
Max.RCF	30700×g
Max.Capacity	2000ml
Speed Precision	±20rpm
Refrigeration System	CFC-free(R404a)
Temp.Range	-20°C~40°C
Time Range	1~999min59s
Power Supply	Standard: AC220V 50/60Hz Optional: AC110V 50/60Hz
Consumption	1200W
Noise	≤65dB(A)
External Size(L*W*H)	670*750*440mm
Package Size(L*W*H)	830*900*660mm
Net/Gross Weight	110kg/135kg

Technical Parameters:

Type	NO.	Capacity	Max.Speed(rpm)	Max.RCF(×g)	Tube Size(mm)
Angle Rotor	NO.1	12*1.5/2.0ml	21000	30700	Φ10*42
	NO.2	12*10ml	16000	21500	Φ16*81
	NO.3	10*5ml	18000	22050	Φ14*54
	NO.4	24*1.5/2.0ml	17000	26190	Φ10*42
	NO.5	4*100ml	14000	20000	Φ38*124
Microplate	NO.6	2*2*96well	4000	2300	Microplate
Swing Rotor	NO.7	4*50ml	4000	5310	Φ38*124
	NO.8	8*50ml		2810	Φ38*124
	NO.9	48*5ml		3500	vacuum blood collection tube
	NO.10	4*250ml		3500	Φ64*113
	NO.11	4*500ml		3580	Φ80*140

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

Table Top High Speed Centrifuge

Application:

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

Features:

- * 5-inch high-definition touch screen, easily operated, visual display.
- * Automatically identify 7 kinds of different rotors, eliminate hidden danger brought by users' maloperation.
- * 9 ranges for raising speed, 10 ranges for speed reduction, to effectively avoid secondary sedimentation, with better centrifugation effect.
- * Available to store 15 series of procedure for users to adjust.
- * Alternating frequency conversion electric machine, high precision of rotary speed control.
- * Diverse protection setting: overspeed protect, door protect, imbalance protect, to ensure safety of both human and machine.
- * Free conversion between rotary speed and centrifugal force.
- * Special air duct ensures that the rotors work at normal temperature.
- * Air-tight rotor, to effectively avoid aerosol.



Technical Parameters:

Model	BKC-TH16D
Max. Speed	16500rpm
Max. RCF	21500×g
Max. Capacity	6*30mL
Speed Precision	±30rpm
Time Range	1min~99 min59s
Power Supply	AC (110/220±10%)V 50/60Hz
Noise	< 60dB(A)
External Size(W*D*H)mm	350*495*350
Package Size(W*D*H)mm	440*680*430
Net Weight(kg)	30
Gross Weight(kg)	40

Rotor:

No.	Rotor	Max Speed(rpm)	Max RCF(×g)	Capacity
No.1	Angle Rotor	16500	18300×g	12*1.5/2ml
No.2		14000	18756×g	24*1.5/2ml
No.3		12000	13900×g	48*0.5ml
No.4		14000	13900×g	30*1.5/2ml
No.5		12000	10100×g	12*5ml
No.6		13000	15300×g	6*30ml
No.7		13000	16240×g	6*8*0.2ml(PCR Tube)

Table Top High Speed Refrigerated Centrifuge



Features:

- * 5-inch high-definition touch screen, easily operated, visual display
- * Automatically identify 7 kinds of different rotors, eliminate hidden danger brought by users' maloperation.
- * 9 ranges for raising speed, 10 ranges for speed reduction, to effectively avoid secondary sedimentation, with better centrifugation effect.
- * Available to store 15 series of procedure for users to adjust.
- * Alternating frequency conversion electric machine, high precision of rotary speed control, famous brand Freon-free compressor.
- * Diverse protection setting: overspeed protect, door protect, imbalance protect, to ensure safety of both human and machine.
- * Free conversion between rotary speed and centrifugal force.
- * Noise near silent at maximum RPM.
- * Air-tight rotor, to effectively avoid aerosol.

Application:

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

Technical Parameters:

Model	BKC-TH16RD
Max. Speed	16500rpm
Max. RCF	22150×g
Max. Capacity	4*100mL
Motor	AC frequency conversion motor
Speed Precision	±30rpm
Time Range	Centrifugal time:1min~99 min59sec Continuous centrifuge: Hold
Temp Range	-20°C~+40°C
Temp Accuracy	±1.0°C
Power Supply	AC220±10%V 50/60Hz
Noise	< 55dB(A)
External Size(W*D*H)mm	350*662*367
Package Size(W*D*H)mm	445*750*530
Net Weight(kg)	50
Gross Weight(kg)	70

Rotor:

No.	Rotor	Max.Speed(rpm)	Max. RCF(×g)	Capacity
No.1	Angle Rotor	16500	18930×g	12*1.5/2ml
No.2		13000	16170×g	24*1.5/2ml
No.3		14000	22150×g	32*1.5ml
No.4		13500	12830×g	12*5ml
No.5		12500	16060×g	12*10ml
No.6		11000	15280×g	6*50ml
No.7		10000	10740×g	4*100ml

Table Top High Speed Refrigerated Centrifuge



Features:

- * 5-inch high-definition touch screen, easily operated, visual display.
- * Automatically identify 9 kinds of different rotors, eliminate hidden danger brought by users' maloperation.
- * 9 ranges for raising speed, 10 ranges for speed reduction, to effectively avoid secondary sedimentation, with better effect.
- * Available to store 15 series of procedure for users to adjust.
- * Alternating frequency conversion electric machine, high precision of rotary speed control, famous brand Freon-free compressor.
- * Diverse protection setting: overspeed protect, door protect, imbalance protect, to ensure safety of both human and machine.
- * Free conversion between rotary speed and centrifugal force.
- * Noise near silent at maximum RPM.
- * Air-tight rotor, to effectively avoid aerosol.

Application:

The equipment is widely used in agriculture, medicine, food hygiene, biopharmaceuticals, bioengineering, cell biology and biochemistry, etc. It is suitable for the separation and purification of microbial cells, cell proteins, mold and immunity.

Technical Parameters:

Model	BKC-TH18RHD
Max. Speed	18500rpm
Max. RCF	23800×g
Max. Capacity	4*100mL
Motor	AC frequency conversion motor
Speed Precision	±30rpm
Time Range	Centrifugal time:1min~99 min59sec Continuous centrifuge: Hold
Temp Range	-10°C~+40°C
Temp Accuracy	±1.0°C
Power Supply	AC220±10%V 50/60Hz
Noise	< 55dB(A)
External Size(W*D*H)mm	350*662*367
Package Size(W*D*H)mm	445*750*530
Net Weight(kg)	50
Gross Weight(kg)	70

Rotor:

No.	Rotor	Speed(rpm)	RCF (xg)	Capacity	Dimension of Tube (mm)
NO.1	Angle Rotor	18500	23800×g	12*1.5/2ml	Φ10*42
NO.2		15000	21530×g	24*1.5/2ml	Φ10*42
NO.3		13500	13810×g	48*0.5ml	Φ8*32
NO.4		12000	15358×g	8*15ml	Φ17*121
NO.5		13500	12830×g	12*5ml	Φ13*53
NO.6		12500	16060×g	12*10ml	Φ16*83
NO.7		12000	15280×g	6*50ml (●/▲)	Φ29*120
NO.8		10000	10740×g	4*100ml	Φ37.9*119
NO.9	Microplate Rotor	4000	2000×g	2*2*48 well	Microplate

Remarks:With mark(●) is round-bottom tube, with mark(▲) is sharp-bottom tube.

Table Top High Speed Refrigerated Centrifuge



Features:

- * 5-inch high-definition touch screen, easily operated, visual display.
- * Automatically identify 9 kinds of different rotors, eliminate hidden danger brought by users' maloperation.
- * 9 ranges for raising speed, 10 ranges for speed reduction, to effectively avoid secondary sedimentation, with better centrifugation effect.
- * Available to store 15 series of procedure for users to adjust.
- * Alternating frequency conversion electric machine, high precision of rotary speed control, famous brand Freon-free compressor.
- * Diverse protection setting: overspeed protect, door protect, imbalance protect, to ensure safety of both human and machine.
- * Free conversion between rotary speed and centrifugal force.
- * Noise near silent at maximum RPM.
- * Air-tight rotor, to effectively avoid aerosol.

Application:

The equipment is widely used in agriculture, medicine, food hygiene, biopharmaceuticals, bioengineering, cell biology and biochemistry, etc. It is suitable for the separation and purification of microbial cells, cell proteins, mold and immunity.

Technical Parameters:

Model	BKC-TH20RHD
Max. Speed	20000rpm
Max. RCF	27800×g
Max. Capacity	4*100mL
Motor	AC frequency conversion motor
Speed Precision	±30rpm
Time Range	Centrifugal time:1min~99 min59sec Continuous centrifuge: Hold
Temp Range	-10°C~+40°C
Temp Accuracy	±1.0°C
Power Supply	AC220±10%V 50/60Hz
Noise	< 55dB(A)
External Size(W*D*H)mm	350*662*367
Package Size(W*D*H)mm	445*750*530
Net Weight(kg)	50
Gross Weight(kg)	70

Rotor:

No.	Rotor	Speed(rpm)	RCF (xg)	Capacity	Dimension of Tube (mm)
NO.1	Angle Rotor	20000	27800×g	12*1.5/2ml	Φ10*42
NO.2		15000	21530×g	24*1.5/2ml	Φ10*42
NO.3		13500	13810×g	48*0.5ml	Φ8*32
NO.4		12000	13200×g	8*15ml	Φ17*121
NO.5		15000	15839×g	12*5ml	Φ13*53
NO.6		13000	17370×g	12*10ml	Φ16*83
NO.7		13000	21042×g	6*50ml (●/▲)	Φ29*120
NO.8		12000	15465×g	4*100ml	Φ37.9*119
NO.9	Microplate Rotor	4000	2000×g	2*2*48 well	Microplate

Remarks:With mark(●) is round-bottom tube, with mark(▲) is sharp-bottom tube.

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
	/	/	/	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

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°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		
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:

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	

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	1min~99h59min
Control and Drive System	Frequency motor, micro control, direct drive
Noise	≤60dB
Consumption	350W
Power Supply	AC220V, 50/60Hz(Standard);AC110V, 60Hz(Optional)
External Size(W*D*H) mm	380*260*310
Package Size(W*D*H) mm	620*360*410
Net/Gross Weight(kg)	17/28



Rotor:

Model	Capacity	Speed(rpm)	RCF(×g)
Angle Rotor	12*1.5/2.0ml	16500	18780
	24*1.5/2.0ml	14000	18220
	10*5ml	14000	13520
	8*7ml	14000	12271
	12*10ml/5ml	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.



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	AC220V, 50/60Hz(Standard);AC110V,60Hz(Optional)	
External Size(W*D*H) mm	500*440*330	
Package Size(W*D*H) mm	750*640*530	
Net/Gross Weight(kg)	35/50	

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	18111	18*1.5/2.0ml	15000	18111
	24*1.5/2.0ml	14000	18220	24*1.5/2.0ml	14000	18220
	10*5ml	13500	12570	10*5ml	14000	13520
	8*15ml	12000	14830	8*15ml	12000	14830
	12*10ml/5ml	12000	13820	12*10ml	12000	13820
Microplate	6*50ml(●)	11000	11610	6*50ml(●)	11000	11610
	6*50ml	6000	3670	6*50ml	6000	3670
Microplate	2*2*48 well	3000	1120	2*2*48 well	3000	1120

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	21370xg	29850xg
Speed Precision	±50rpm	
Temp range	-20~40°C	
Temp accuracy	±1°C	
Timing	1min~99h59min	
Noise	≤60dB	
Power supply	AC220V, 50/60Hz(Standard);AC110V,60Hz(Optional)	
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	19470	12*1.5/2.0ml	20800	29850	12*1.5/2.0ml
	15000	21370	24*1.5/2.0ml	15000	21370	24*1.5/2.0ml
	14000	15777	18*1.5ml	16000	20606	18*1.5ml
	11000	12851	30*1.5ml	12000	15294	30*1.5ml
	12000	12357	48*0.5ml	13000	14503	48*0.5ml
	13000	11660	10*5ml	16000	17660	10*5ml
	12000	13820	12*10ml/5ml	14000	18810	12*10ml/5ml
	12000	14830	8*15ml	12000	14830	8*15ml
	12000	13820	6*50ml(●)	12000	13820	6*50ml(●)
	9000	8500	4*100ml	10000	10500	4*100ml
Swing Rotor	4000	2360	4*50ml	4000	2360	4*50ml
Microplate	3000	1120	2*2*48Well	3000	1120	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	21370xg	27600xg
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	1min~99h59min	
Noise	<60dB	
Consumption	1.5KW	
Power Supply	AC220V, 50/60Hz(Standard);AC110V,60Hz(Optional)	
External Size(W*D*H) mm	710*630*350	
Package Size(W*D*H) mm	860*780*550	
Net/Gross Weight(kg)	73/95	

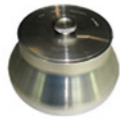
Rotor:

Model	Capacity	BKC-TH16R		BKC-TH20R	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
Angle Rotor	12*1.5/2.0ml	16000	17660	20000	27600
	10*5ml	13000	11660	16000	17660
	24*1.5/2.0ml	15000	21370	15000	21370
	12*10ml/5ml	12000	13820	12000	13820
	6*50ml(●)	/	/	12000	13820

Table Top High Speed Refrigerated Centrifuge



4*50ml



4*100ml



6*50ml



8*15ml



24*1.5/2.0ml



10*5ml



12*10ml



12*1.5/2.0ml



18*1.5ml

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-TH24R11
Max. Capacity	6*50ml	4*100ml
Max. Speed	15000rpm	24000rpm
Max. RCF	21370xg	39740xg
Speed Precision	±50rpm	
Refrigeration System	CFC-free (R404a)	
Temp. Range	-20°C~40°C	
Temp. Precision	±1°C	
Timing Range	1min~99h59min	
Noise	<60dB	
Identify Rotor	Automatic	
Consumption	1.5KW	
Power Supply	AC220V, 50/60Hz(Standard);AC110V, 60Hz(Optional)	
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-TH24R11	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
Angle Rotor	12*1.5/2.0ml	12000	9930	24000	39740
	24*1.5/2.0ml	15000	21370	16000	21370
	18*1.5ml	/	/	16000	20606
	30*1.5ml	/	/	12000	15294
	48*0.5ml	/	/	13500	15640
	10*5ml	12000	9930	20000	27596
	12*5/10ml	11000	11612	15000	21595
	8*15ml	/	/	12000	14830
	6*50ml(●)	10000	9600	12000	13820
Swing Rotor	4*50ml	4000	2360	4000	2360
	4*100ml	4000	2490	4000	2490
Microplate	2*2*48Well	/	/	3000	1120

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-VH21R11
Max. Capacity	4*1000ml	
Max. Speed	20000rpm	21000rpm
Max. RCF	44272xg	48811xg
Speed Precision	±50rpm	
Up and Down Speed Rate	Option set	
Temp. Range	-20~40°C	
Temp. Precision	±1°C	
Timing Range	1min~99h59min	
Noise	<65dB	
Consumption	4.0KW	
Power Supply	AC220V, 50/60Hz(Standard);AC110V,60Hz(Optional)	
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-VH21R11	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
Angle Rotor	16*10ml	20000	44272	21000	48811
	6*50ml(▲)	18000	33687	18000	33687
	8*50ml(▲)	16000	30052	16000	30052
	8*100ml	12000	18837	12000	18837
	6*250ml	12000	21374	12000	21374
	6*300ml	12000	21374	12000	21374
	6*500ml (Beckman bottle)	10000	17776	10000	17776
	30*1.5ml/2ml	18000	34485	18000	34485

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-VH20R11
Max. Capacity	4*750ml
Max. Speed	20600rpm
Max. RCF	29280xg
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
Control and Driven System	Frequency motor, micro control, direct driver
Timing Range	1min~99h59min
Noise	≤65dB
Identify Rotor	Automatic
Consumption	2.0KW
Power Supply	AC220V, 50/60Hz(Standard);AC110V,60Hz(Optional)
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	29280	Angle Rotor	8*15ml	12000	14830
	4*750ml/4*500ml	4000	3520		6*50ml(●)	12000	13820
Swing Rotor	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	14880
					6*100ml	11000	13310
Angle Rotor	24*1.5/2.0ml	15000	21370	Microplate	6*250ml	8000	9660
	12*5/10ml	14000	18810		2*2*96 well	4000	2360
					4*2*96 well	4000	3150

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	15093xg
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	380V,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	11011
	6*250ml	10000	15093
	6*500ml	8000	11377

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	4*500ml
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	1min~99h59min
Noise	<60dB
Identify Rotor	Automatic
Consumption	1.8KW
Power Supply	AC220V, 50/60Hz(Standard);AC110V,60Hz(Optional)
External Size(W*D*H) mm	630*760*400
Package Size(W*D*H) mm	910*910*605
Net/Gross Weight(kg)	110/162



4*100ml



4*250ml



6*100ml



8*15ml



8*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	29280	Swing Bucket Rotor	8*50ml	4000	2960
	24*1.5/2.0ml	15000	21370		32*15ml	4000	2960
	12*10ml/5ml	14000	18810		32*10ml	4000	2960
	8*15ml	12000	14830		48*5ml/2ml	4000	2423/2960
	6*50ml(●)	12000	13820	Swing Rotor	76*5ml/2ml	4000	3080
	8*50ml	10000	11400		4*250ml	4000	2780
	4*100ml	10000	10500		(Available adaptor: 8*50ml, 4*6*15ml, 4*8*10ml, 4*10*5ml)		
6*100ml	11000	13310	Swing Bucket Rotor				
Swing Bucket Rotor	4*50ml	5000		4620			
Rotor	4*100ml	5000		4800			
Microplate	2*2*96well	4000	2360				

Other Specific Function Centrifuge

- * Cytology Centrifuge
- * Microplate Centrifuge
- * Automatic Uncovering Centrifuge
- * Table Top Dairy Centrifuge

- * Capillary Centrifuge
- * Immune Blood Centrifuge
- * Crude Oil Centrifuge
- * Gel Card Centrifuge
- * PRP Centrifuge

Cytology Centrifuge



Introduction:

Cytology Centrifuge BKC-TL4Cyo is widely used in immunohematology laboratory, hospital laboratory, research laboratory, can carry out red blood cell serological experiments, antigen and antibody identification experiments and Coombe experiments, etc., suitable for all body fluid cells. Films (such as ascites, sputum, pericardial fluid, urine, joint fluid, cerebral effusion, puncture fluid, bronchial fluid, etc.).

Features:

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

Technical Parameters:

Model	BKC-TL4Cyo
Max. Capacity	12 cards
Max. Speed	3000rpm
Max. RCF	1026×g
Timing Range	1s~99min
Speed Precision	±10rpm
Noise	≤55dB
Consumption	150W
Power Supply	AC220V, 50/60Hz(Standard); 110V 60Hz (Optional)
External Size(L*W*H) mm	340*425*278
Net Weight(kg)	21
Package Size(L*W*H) mm	456*546*456
Gross Weight(kg)	23.5kg

Microplate Centrifuge



Rotor:

Capacity: 2*2*96well
Speed: 4000 rpm RCF: 2361 xg

Introduction:

The microplate centrifuge BL-4Mi is often used in PCR experiments to quickly remove droplets from the lower wall and significantly improve the experimental results. It is suitable for skirted, non-skirted and various standard PCR microplates, suitable for biochemical, Molecular biology, ELISA and isolation of general experimental samples, etc.

Features:

- * The 5-inch touch LCD screen supports language customization, and the operation interface is intuitive and simple.
- * It adopts electromechanical integration door lock, which is easy to use, safe and reliable.
- * Silicone integral sealing ring is used to avoid aerosol overflow and ensure the safety of staff.
- * With self-test, stall, overspeed, unbalance and other detection and alarm functions.
- * Excellent shock absorption device to ensure the smoothness of the motor.
- * Multiple groups of user-defined programs can be stored.

Technical Parameters:

Model	BKC-TL4MP
Max. Capacity	2*2*96-well microplate
Max. Speed	4000rpm
Max. RCF	2361×g
Timing Range	1~99H59min/ Continuous/Short-spin
Speed Precision	±30rpm
Noise	≤65dB
Consumption	500W
Power Supply	AC220V, 50/60Hz(Standard);110V,60Hz(Optional, External transformer)
External Size(L*W*H) mm	440*580*370
Net Weight(kg)	41
Package Size(L*W*H) mm	560*700*525
Gross Weight(kg)	50

Capillary Centrifuge



24 capillaries

Introduction:

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

Features:

- * Instantaneous centrifugal functions.
- * The machine adopts steel structure and stainless steel centrifugal chamber.
- * Can store 20 procedures.
- * 15 levels speed-up and speed-down control.
- * Three-stage shock absorption.
- * Embedded microprocessor control, DC brushless motor drive.
- * LCD display, real-time display of all operating parameters.
- * With multiple protection function and perfect fault alarm function.

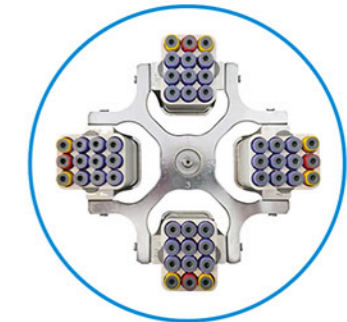
Technical Parameters:

Model	BKC-MH12-B
Max.Speed	12000rpm
Max.RCF	14170×g
Max.Capacity	24 capillaries
Speed Precision	±1% or ±20rpm
Time Range	1s~999min
Power Supply	Standard: AC220V 50/60Hz Optional: AC110V 50/60Hz
Consumption	250W
Noise	≤65dB(A)
External Size(L*W*H)	280*385*220mm
Package Size(L*W*H)	410*460*330mm
Net/Gross Weight	18kg/22kg

Rotor:

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

Automatic Uncovering Centrifuge



Rotor:

Capacity: 48*7/5/3ml
Speed: 4000 rpm
RCF: 2952 xg

Introduction:

The automatic uncovering centrifuge is a conventional laboratory centrifuge that automatically removes the cap of the vacuum blood collection tube during centrifugation. Widely used in clinical medicine, biochemistry, immunology, blood bank, medicine and other scientific research, education and production departments.

Features:

- * The 5-inch touch LCD screen supports language customization, and the operation interface is intuitive and simple.
- * It adopts electromechanical integration door lock, which is easy to use, safe and reliable.
- * Silicone integral sealing ring is used to avoid aerosol overflow and ensure the safety of staff.
- * With self-test, stall, overspeed, unbalance and other detection and alarm functions.
- * Excellent shock absorption device to ensure the smoothness of the motor.
- * Multiple groups of user-defined programs can be stored.

Technical Parameters:

Model	BKC-AU4A
Max. Capacity	48*7/5/3ml
Max. Speed	4000rpm
Max. RCF	2952×g
Timing Range	1~99H59min/ Continuous/Short-spin
Speed Precision	±30rpm
Noise	≤65dB
Consumption	500W
Power Supply	AC220V, 50/60Hz(Standard);110V,60Hz (Optional, External transformer)
External Size(L*W*H) mm	440*580*370
Net Weight(kg)	41
Package Size(L*W*H) mm	596*736*541
Gross Weight (kg)	52
Centrifugable Tube Types	Vacuum blood collection tube 3/5/7ml; PRP tube 3/5/7ml; PP tube, EP tube 3/5/7ml, etc.

Automatic Uncovering Centrifuge



BKC-AU5MT



BKC-AU5KT



BKC-AU5BT



Features:

- * Multi-stage shock absorption, centrifuge vibration is small.
- * OLED large screen, real-time display of rotating speed, centrifugal force, running time, RCF and failure.
- * Microcomputer processor precise control, operation parameters can be modified.
- * DC brushless motor drive, low noise, maintenance free, no dust.
- * 20 programs can be stored, 10 levels speed-up and speed-down control.
- * Automatic induction door lock, with overspeed, unbalance protection, automatic fault alarm function, safe and reliable.
- * Stop without reverberation, centrifuge cover automatically opened after the end of the centrifuge.
- * All steel structure multilayer explosion-proof design, stainless steel cavity, ventilation hole and ring type ventilation duct.
- * Adaptor and cover remover are specially designed to prevent cap removal during centrifuge operation.

Introduction:

Vacuum collect blood vessels automatic cap removal, convenient and fast, effectively prevent the vibration of manual cap removal caused by hemolysis, re-suspension and infection risk, widely used in clinical medicine, biochemistry, immunology, blood stations and other fields.

Technical Parameters:

Model	BKC-AU5MT	BKC-AU5BT	BKC-AU5KT
Max.Speed	5000rpm		
Max.RCF	4390×g		
Max.Capacity	4*500ml		
Speed Precision	±1% or ±20rpm		
Time Range	1~999min		
Power Supply	Standard: AC220V 50/60Hz Optional: AC110V 50/60Hz		
Consumption	500W	600W	500W
Noise	≤65dB(A)		
External Size(L*W*H)	620*450*350mm		
Package Size(L*W*H)	700*530*480mm		
Net/Gross Weight	45kg/55kg		

Rotor for BKC-AU5MT:

Type	NO	Capacity	Max.Speed(rpm)	Max.RCF(×g)	Tube Size(mm)
Swing Rotor	NO.1	4*50/100ml	5000	4390	Φ13*75 Φ13*100
	NO.2	4*12*5ml (vacuum blood collection tube)	4000	3500	
	NO.3	4*12*2ml (vacuum blood collection tube)	4000	3500	

Rotor for BKC-AU5BT:

Type	NO	Capacity	Max.Speed(rpm)	Max.RCF(×g)	Tube Size(mm)
Swing Rotor	NO.1	4*50/100ml	5000	4390	Φ13*75 Φ13*100
	NO.2	4*20*5ml (vacuum blood collection tube)	4000	3580	
	NO.3	4*20*2ml (vacuum blood collection tube)	4000	3580	

Rotor for BKC-AU5KT:

Type	NO	Capacity	Max.Speed(rpm)	Max.RCF(×g)	Tube Size(mm)
Swing Rotor	NO.1	4*50/100ml	5000	4390	Φ13*75 Φ13*100
	NO.2	4*24*5ml (vacuum blood collection tube)	4000	3580	
	NO.3	4*24*2ml (vacuum blood collection tube)	4000	3580	

Automatic Uncovering Centrifuge



BKC-AU4



BKC-AU5 / AU5R

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.



Technical Parameters:

Model	BKC-AU4	BKC-AU5	BKC-AU5R
Hole Position	48/76	124/148	124/148
Centrifuge Tube Length	75mm or 100mm		
Max. Speed	4000rpm	4000rpm	4000rpm
Max. RCF	3080×g	3420×g	3420×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	1min~99h59min		
Noise	≤60dB	≤65dB	
Consumption	800W	1000W	2000W
Power Supply	AC220V, 50/60Hz(Standard);AC110V,60Hz(Optional)		
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	75/155	150/215

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	1min~99h59min
Noise	≤60dB
Consumption	1.5KW
Power Supply	AC220V, 50/60Hz(Standard);AC110V,60Hz(Optional)
External Size(W*D*H)mm	520*415*330
Package Size(W*D*H)mm	720*610*530
Net/Gross Weight(kg)	35/60

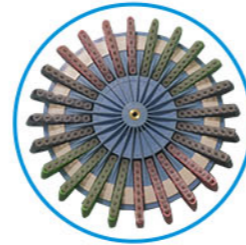
Rotors for BKC-MF5A:

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

Gel Card Centrifuge



Rotor:
Capacity: 12cards
Speed: 4000 rpm
RCF: 1825 xg



Rotor:
Capacity: 24cards
Speed: 4000 rpm
RCF: 1459 xg

Introduction:

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

Features:

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

Technical Parameters:

Model	BKC-TL4G
Max. Capacity	24cards
Max. Speed	4000rpm
Max. RCF	1825×g
Timing Range	1s~99min
Speed Precision	±10rpm
Noise	≤55dB
Consumption	150W
Power Supply	AC220V, 50/60Hz(Standard); 110V 60Hz (Optional)
External Size(L*W*H) mm	360*445*275
Net Weight(kg)	22
Package Size(L*W*H) mm	476*566*436
Gross Weight(kg)	28

Gel Card Centrifuge



Application:

BKC-TLCT4Y Blood group serum multi-purpose centrifuge is mainly used for blood group serology, blood group routine detection, microcolumn gel, immune detection and other experiments.

Features:

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

Technical Parameters:

Model	BKC-TLCT4Y
Max. Speed	4000rpm
Max. RCF	2250*g
Max. Capacity	24 cards
Timing Range	1s-999min
Speed Precision	±10rpm
Power Supply	Standard: 220V 50Hz, Optional: 110V 60Hz, external transformer
Noise	≤60dB (A)
External Size	254*350*475mm
Net Weight	17kg
Packing Size	520*420*370mm
Gross Weight	22kg

Rotor Parameters:

No.	Rotor	Capacity	Max. Speed(rpm)	Max. RCF
No.1	Angel rotor	12*5/7ml	4000	1790*g
No.2		30*5/7ml	4000	2250*g
No.3	Gel card	12 cards	4000	1480*g
No.4		24 cards	4000	2120*g

Immune Blood Centrifuge



SERO



HLA

Introduction:

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

Features:

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

Technical Parameters:

Model	BKC-TB4G
Max. Speed	4000r/min
Max. RCF	2000×g
Max. Capacity	12*7ml
Timer Range	1s~999min
Noise	≤55dB(A)
Consumption	200W
Power Supply	Standard: AC220V, 50/60Hz Optional: AC110V, 50/60Hz
External Size(L*W*H)	475*350*254mm
Package Size(L*W*H)	510*460*310mm
Net Weight	17kg
Gross Weight	20kg

Rotor:

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

PRP Centrifuge



Features:

- * Max. speed 4500rpm.
- * 3 preloaded programs for fast operation.
- * 9 programs for customization can be stored in memory.
- * Powerful CPU for easy operation of speed, time and all other parameters.
- * Easy-to-read processing display and sound alert.
- * Automatic lid-lock release after running.
- * Maintenance-free brushless DC motor.

Technical Parameters:

Model	DM0412P
Speed Range	300-4500rpm, increment:10rpm
Max. RCF	2490×g
Timing Range	30sec-99min
Rotor Capacity	8*15ml, 12*10ml/7ml/5ml
Display	LCD
Preloaded Program	PRP, PRF, CGF
Custom Programs Memory	9 programs (6 steps for each program)
Noise	≤56dB
Power	Single-phase, 110V-240V,50Hz/60Hz, 3A,70W
External /Package Size (W*D*H)	301*354*217mm/460*420*320mm
Net/Gross Weight	6/9kg

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)

Crude Oil Centrifuge



4*100ml

Features:

- * 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	5000rpm
Max. RCF	3830*g
Max. Capacity	4*100ml
Timer Range	1-99min59s
Noise	≤58dB
Power Supply	AC110/220V, 50/60HZ
Temp. Control Range	RT+10~80°C
Package Size(W*D*H)mm	870*590*520
Net Weight(kg)	68
Gross Weight(kg)	77