Mini Centrifuge

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

Mini Centrifuge

Rotor

Application:

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

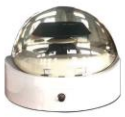
Features:

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

Technical Parameters:

Model	Mini-10K	Mini-10K+
Max. Speed	10000rpm	3000-10000rpm
Max. RCF	5400xg	500-5400xg
Rotor	8*2.0ml/1.5ml/0.5ml/0.2ml	8*2.0ml/1.5ml/0.5ml/0.2ml 2*8*0.2ml PCR centrifugal tube(speed≤6000rpm)
Noise	≤50dB	
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)mm	176*160*121	
Package Size(W*D*H)mm	260*200*150	
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-7	Mini-5
Max Speed	7000 rpm	5000 rpm
Max RCF	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 (0.2ml and 0.5ml adaptor) 8×4×0.2ml PCR tube	
Power	110VAC 60Hz; 220VAC 50/60Hz	
Consumption	20W	
Noise	45dB(A)	
External Size	178×178×115mm	
Package Size	320×250×210 mm	
Net Weight	1kg	
Gross Weight	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(500-1500rpm)increment:100rpm
Max. RCF	15100×g, increment: 100×g
Speed Accuracy	±20rpm
Rotor Capacity	0.2mL/0.5mL/1.5mL/2mL*12
Run Time	30sec-99min/Continuous
Acceleration/Braking Time	11s/19s
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	1500rpm
Max.RCF	15100xg
Rotor Capacity	2ml/1.5mlx12, 0.2mlx12, 0.5mlx12
Rotor Material	High strength plastic
Adapted Rotor Adapter	A02P2,A05P2

Accessories:
Adapted Adapter

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

Low Speed Centrifuge

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

Low Speed Centrifuge(economical type)

Introduction	Picture	Technical Parameters
Model: LC-HD Handle-centrifuge can use for chemical, biological laboratories and hospital laboratories.		Capacity: 4*15ml Packing size: 210*100*50mm Gross weight: 1.6kg
Model: LC-4KII It can be used for qualitative analysis and in biochemistry labs.		Max. speed: 4000rpm, step adjusted speed Capacity: 20ml*6 Max. RCF: 1790xg Timing: 0~60min Power supply: AC110/220V, 50/60Hz Packing size: 280*280*290mm Gross weight: 4kg
Model: LC-H4KII It can be used in hospital, biochemistry lab, making determination and analyzing to blood serum and blood plasma immunity.		Speed range: starting~4000rpm Capacity: 18*15ml Timing range: 0~30min Max. RCF: 2325xg Mechanical lock Power supply: AC110/220V, 50/60Hz Packing size: 350*360*340mm Gross weight: 10kg
Model: LC-4KA It can be used in hospitals and biochemical labs for qualitative analysis of serum, urea and plasma. Frame material: high strength plastic with door switch		Max. speed: 4000r/min Capacity: 8*15ml Max. RCF: 2325×g Timing range: 0~30min With mechanical lock Power supply: AC110/220V, 50/60Hz Packing size: 350*360*340mm Gross weight: 10kg
Model: LC-4K-2 It can be used to make qualitative analysis and biochemistry labs widely.		Max. speed: 4000rpm, step adjusted speed Capacity: 12*20ml Max. RCF: 2325xg Time range: 0~60min With safety switch Power supply: AC110/220V, 50/60Hz Packing size: 380*330*310mm Gross weight: 9kg

Introduction	Picture	Technical Parameters
Model: LC-5K It has steady performance. It has the characteristics of large capacity, low noise, low temperature rise, beautiful appearance. It covers a wide range of application in scientific research institute of biology, chemistry, medicine, pharmacy, food and environment protection. This model also is good to separate plasma or other suspension liquid.		Max. speed: 5000rpm Max. RCF: 3600xg Capacity: 12*20ml Time range: 0~-30min Power supply: AC110/220V, 50/60Hz Packing size: 350*360*340mm Gross weight: 10kg
Model: LC-4KB Application: hospitals and biochemical labs for qualitative analysis of serum, urea and plasma. Frame material: high strength plastic. Door switch		Max. speed: 4000rpm Max. RCF: 2325xg Capacity: 12*20ml Time range: 0~-30min Power supply: AC110/220V, 50/60Hz Packing size: 350*360*340mm Gross weight: 10kg
Model: LC-4KC Application: scientific research institute of biology, chemistry, medicine, pharmacy, food and environment protection. This model also is good to separate plasma or other suspension liquid. Steady performance; Microprocessor control; Driven by brushless motor and easy to operate; With mechanical lock.		Max. Speed: 4000rpm Max. RCF: 2325xg Angle rotor capacity : 20ml*12 Time range: 0~99min Power supply: AC110/220V, 50/60Hz Packing size: 350*360*340mm Gross weight: 10kg
Model: LC-T4K Application: hospital, bio-chemistry lab, making determination and analyzing to blood serum and so on. With safety switch		Speed range: starting~4000rpm Capacity: 8*20ml Timing range: 0~30min Max. RCF: 2325×g Power supply: AC110/220V, 50/60Hz Packing size: 380*330*310mm Gross weight: 9kg
Model: LC-H4K Application: hospital, bio-chemistry lab, making determination and analyzing to blood serum and so on. With mechanical lock		Speed range: starting~4000rpm Capacity: 12*10ml Clocking range: 0~30min Centrifugal force: 2325*g Power supply: AC110/220V, 50/60Hz Packing size: 350*360*340mm Gross weight: 10kg

Table Top Low Speed Centrifuge

12*15ml

18*10ml

24*10ml

Features:

* Stainless steel chamber.
* Microprocessor control, maintenance-free brushless DC motor.
* LCD display of running parameters.
* Unbalance protection, automatically electric lid lock.

Technical Parameters:

Model	BKC-TL4M
Max. Speed	4000r/min
Max. RCF	2200×g
Max. Capacity	24*10ml
Speed Precision	±20rpm
Time Range	0~999min
Power Supply	AC 220V/110V, 50Hz/60Hz 5A
Rated Power	250W
Noise	≤65dB
External Size (W*D*H) mm	350*420*270
Net Weight(kg)	18
Package Size (W*D*H) mm	410*460*330
Gross Weight(kg)	22

Rotor:

No.	Rotor	Capacity	Max Speed (r/min)	Max RCF (xg)
No.1	Angle Rotor	12*15ml	4000	2200
No.2		18*10ml	4000	2200
No.3		24*10 ml	4000	2200

Table Top Low Speed Centrifuge

4*250ml

Features:

* Stainless steel chamber.
* Microprocessor control, maintenance-free brushless DC motor.
* Push-button type, display running parameters.
* Unbalance protection, automatically electric lid lock.

Technical Parameters:

Model	BKC-TL6M
Max. Speed	6000rpm
Max. RCF	5310×g
Max. Capacity	4*500ml
Speed Precision	±30rpm
Time Range	0~999min
Power Supply	AC 220V/110V, 50/60Hz 10A
Rated Power	750W
Noise	≤65dB
External Size (W*D*H) mm	560*460*390
Net Weight(kg)	54kg
Package Size (W*D*H) mm	705*605*695
Gross Weight(kg)	70

Rotor:

No.	Rotor	Capacity	Max Speed (r/min)	Max RCF (xg)
No.1	Swing Rotor	4*250ml	4000	3500
	Adapter	4*12*5ml		

Table Top Low Speed Centrifuge

BKC-TL4

BKC-TL4II/TL4III

Features:

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

8*20ml

24*10ml

Technical Parameters:

Model	BKC-TL4	BKC-TL4II	BKC-TL4III
Capacity	8*20ml	12*20ml, 18*10ml, 24*10ml	4*50ml, 12*15ml
Max. Speed	4000rpm		
Max. RCF	2200xg	2600xg	2100xg
Speed Precision	±30rpm		
Timing Range	0~99h59min inching function		
Noise	≤60dB		
Power Supply	AC110/220V, 50/60Hz		
External Size(W*D*H) mm	380*260*310	500*450*280	
Package Size(W*D*H) mm	550*410*510	700*630*480	
Net Weight(kg)	18	20	
Gross Weight(kg)	33	35	

Table Top Low Speed Centrifuge

Features:

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

Technical Parameters:

Model	BKC-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	0~99h59min	
Noise	≤65dB	
Consumption	500W	
Power Supply	AC110V/220V, 50/60Hz	
External Size(W*D*H) mm	600*540*360	
Package Size(W*D*H) mm	700*581*475	
Net/Gross Weight(kg)	37/52	

12*10ml

4*250ml

8*50ml

48*5ml

32*15ml

Micro-plate rotor

Rotor:

Capacity	Capacity	BKC-TL5III		BKC-TL5IV	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
Angle Rotor	12*10ml	5500	4328	/	/
Swing Rotor	4*250ml	4000	3290	4000	3290
Adapter	8*50ml	4000	3290	4000	3290
	24*15ml				
	32*10ml				
	40*5ml				
Swing Bucket Rotor	8*50ml	4000	2810	4000	2810
	4*50ml	5000	4600	5000	4600
	4*100ml	5000	4800	5000	4800
	24*15ml	4000	2810	4000	2810
	32*15ml	4000	2810	4000	2810
	32*10ml	4000	2810	4000	2810
	48*5ml/2ml (Vacuum tube)	4000	2940	4000	2940
	76*5ml/2ml (Vacuum tube)	4000	3100	4000	3100
Microplate	2*2*96well	4000	2360	4000	2360

Table Top Low Speed Centrifuge

BKC-TL5/TL6/TL6II

BKC-TL5II

Features:

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

Technical Parameters:

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

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 Bucket Rotor	32*15ml	4000	2810
		4*50ml	5000	4600			32*10ml	4000	2810
		4*100ml	5000	4800			48*5ml/2ml (vacuum tube)	4000	2940
		8*50ml	4000	2810	No.2		76*5ml/2ml (vacuum tube)	4000	3100

Rotor for BKC-TL5II:

No.	Rotor	Capacity	Speed(rpm)	RCF(xg)	No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Angle Rotor	12*15ml	5000	3580	No.4	Swing Bucket Rotor	16*15ml	4000	2950
No.2		24*10ml	4000	2600		Adapter	24*5ml	4000	2950
No.3	Swing Bucket Rotor	4*100ml	4000	2100			4*50ml	5000	4420

Rotor for BKC-TL6:

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

Rotor for BKC-TL6II:

No.	Rotor	Capacity	Speed(rpm)	RCF(xg)	No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Angle Rotor	12*10ml	6000	5140	No.2	Swing Bucket Rotor	32*15ml	4000	2810
No.2	Swing Bucket Rotor	Support					32*10ml	4000	2810
		4*50ml	5000	4600			48*5ml/2ml(Vacuum tube)	4000	2940
		4*100ml	5000	4800	No.3		76*5ml/2ml(Vacuum tube)	4000	3100
		8*50ml	4000	2810	No.4	Microplate	2*2*96well	4000	2360

Table Top Low Speed Large Capacity Centrifuge

Features:

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

Technical Parameters:

Model	BKC-TL5L
Max. Capacity	4*500ml
Max. Speed	5000rpm
Max. RCF	4800×g
Timing Range	0~99h59min, inching function
Noise	≤65dB
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	630*500*420
Package Size(W*D*H) mm	830*700*620
Net Weight(kg)	65
Gross Weight(kg)	90

Rotors:

4*500ml | 4*250ml | 4*100ml | Microplate rotor

Rotor:

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

Table Top Low Speed Refrigerated Centrifuge

Features:

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

4*250ml | 32*15ml | Microplate rotor

Technical Parameters:

Model	BKC-TL5RIV	BKC-TL6R	BKC-TL8R
Max. Capacity	4*250ml		
Max. Speed	5500rpm	6500rpm	8000rpm
Max. RCF	4800×g	4800×g	5940×g
Speed Precision	±50rpm		
Refrigeration System	CFC-free compressor and control valve		
Temp. Range	-20~40℃		
Temp. Precision	±1℃		
Control and Drive System	Frequency motor, micro control, direct drive		
Timing Range	0~99h59min		
Noise	≤65dB		
Consumption	1.8KW		
Power Supply	AC110/220V, 50/60Hz		
External Size(W*D*H) mm	630*760*400		
Package Size(W*D*H) mm	830*950*600		
Net/Gross Weight(kg)	110/135		

Rotor:

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

4*750ml 4*500ml 4*250ml 32*15ml Microplate Rotor 4*100ml 8*50ml 24*10ml 76*5ml (vacuum tube) 32*15ml

Technical Parameters:

Model	BKC-VL5R	BKC-VL6R	BKC-VL8R
Max. Capacity	4*750ml	4*750ml	4*750ml
Max. Speed	5500rpm	6500rpm	8000rpm
Max. RCF	4800xg	4800xg	5940xg
Speed Precision	±50rpm		
Refrigeration System	CFC-free (R404a)		
Temp. Range	-20℃~40℃		
Temp. Precision	±1℃		
Timing Range	0~99h59min		
Noise	<65dB		
Consumption	2.0KW		
Power Supply	AC110/220V, 50/60Hz		
External Size(W*D*H)mm	710*560*770		
Package Size(W*D*H)mm	865*685*1185		
Net/Gross Weight(kg)	160/208		

Rotor:

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

Low Speed Large Capacity Refrigerated Centrifuge

Features:

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

6*1000ml 6*500ml

Technical Parameters:

Model	BKC-VL6RL	BKC-VL7RL	BKC-VL8RL
Max. Capacity	6*1000ml	6*1500ml	6*1500ml
Max. Speed	6000rpm	7000rpm	8000rpm
Max. RCF	6680×g	8620×g	11260×g
Speed Precision	±50rpm		
Refrigeration System	CFC-free (R404a)		
Temp. Range	-20℃～40℃		
Temp. Precision	±1℃		
Timing Range	0～99h59min		
Noise	<68dB		
Consumption	4.0KW		
Power Supply	AC110/220V, 50/60Hz		
External Size(W*D*H) mm	840*730*950		
Package Size(W*D*H) mm	1085*825*1165		
Net/Gross Weight(kg)	270/360		

Rotor:

Rotor	Capacity	BKC-VL6RL		BKC-VL7RL		BKC-VL8RL	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
Angle Rotor	6*500ml	6000	6000	7000	8620	8000	11260
Swing Rotor	6*1000ml	4200	4200	/	/	/	/
	4*1000ml	4000	4000	4000	4050	4000	4050

Table Top Low Speed Centrifuge

Features for BKC-TL4IV:

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

Features for BKC-TL5VII:

- ✻ DC Brushless motor, special damping device make the motor run steady, free maintenance.
- ✻ Display: microprocessor control, LED display of running parameters, 10rpm increments, conversion of RPM/RCF.
- ✻ Function: automatically electric lid lock, over speed, over temperature and imbalance protection, memory flashing function.
- ✻ Alarm: over speed, rotor mounting abnormally.
- ✻ External cold-rolled steel with powder coating, stainless steel centrifugal chamber and lid.

Technical Parameters:

Model	BKC-TL4IV	BKC-TL5VII
Max. Capacity	6*50ml	
Max. Speed	4000rpm	5000rpm
Speed Precision	/	±30rpm
Timing Range	1~60min	0~99min
Noise	≤65dB	<58dB
Consumption	180W	300W
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H)mm	395*340*305	330*295*255
Package Size(W*D*H)mm	500*400*330	480*445*455
Net/Gross Weight(kg)	20/22	20/28

Rotor:

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

Table Top Low Speed Refrigerated Centrifuge

Technical Parameters:

Model	BKC-TL5R
Max. Speed	5000rpm
Max. RCF	4390xg
Max. Capacity	4*250ml
Speed Precision	±50rpm
Timing Range	1s~99h59min59s
Temp. Range	-20℃~40℃
Temp. Accuracy	±1℃
Refrigerant	CFC-free refrigerant
Noise	≤65dB
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H)mm	640*680*380
Package Size(W*D*H)mm	780*800*520
Net Weight(kg)	95
Gross Weight(kg)	120

Features:

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

Rotor:

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

Low Speed Large Capacity Refrigerated Centrifuge

Features:

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

BKC-VL6RLII

BKC-TL5RL

Technical Parameters:

Model	BKC-TL5RL	BKC-VL6RLII
Max. Capacity	4*750ml	6*1000ml
Max. Speed	5500rpm	6000rpm
Max. RCF	5310xg	6680xg
Speed Precision	±20rpm	
Temp. Range	-20~40°C	
Temp. Accuracy	±1°C	
Timing Range	0~99h59min59s	0~59h59min59s
Noise	<58dB	
Consumption	2.5KW	4KW
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	800*700*400	830*720*1250
Packing Size(W*D*H) mm	950*850*600	980*870*1450
Net Weight(kg)	110	268
Gross Weight(kg)	135	318

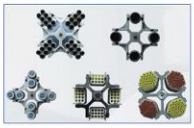
Rotor for BKC-VL6RLII:

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

Table Top Low Speed Large Capacity Centrifuge



Technical Parameters:

Model	BKC-TL5LII
Max. Capacity	4*750ml
Max. Speed	5500rpm
Max. RCF	5310×g
Speed Precision	±20rpm
Timing Range	0~99h59min59s
Noise	≤58dB
Consumption	2.5KW
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	800*700*400
Package Size(W*D*H) mm	950*850*600
Net Weight(kg)	110
Gross Weight(kg)	135

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

Table Top Low Speed Centrifuge

Features:

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

Technical Parameters:

Model	BKC-TL5V	BKC-TL5VI	BKC-TL6III	BKC-TL6IV
Max. Capacity	12*15ml	4*750ml	4*100ml	4*300ml
Max. Speed	5000rpm	5500rpm	6000rpm	
Max. RCF	3031xg	5400xg	5037xg	5400xg
Speed Precision	±10rpm		±5rpm	±10rpm
Timing Range	1s~999min/continuous /short spin	1~9999min/ continuous / short spin		
Noise	≤58dB	≤65dB	≤62dB	≤65dB
Power Supply	AC110/220V, 50/60Hz			
External Size(W*D*H)mm	330*390*325	450*575*520	425*510*415	
Package Size(W*D*H)mm	480*415*420	680*605*540	620*545*530	
Gross Weight(kg)	30	79	55	65

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(▲), 28*50ml(●), 56*15ml/20ml(▲), 76*15ml, 96*5ml(vacuum blood collection tube), 148*5ml(immuno tubes)			
Adapter(Hat device)	96*5ml(vacuum blood collection tube)			
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/15ml/5ml(●)			
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/15ml(●), 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)			
Adapter 2(Hat device)	68*5ml(vacuum blood collection tube)			
No.3	Angle Rotor	50mlx6	5500	5400
No.4	Angle Rotor	10ml/15ml*12	6000	5037
No.5	Microplate	2*2*96well	4000	2260

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

Table Top Low Speed Refrigerated Centrifuge

Features:

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

Technical Parameters:

Model	BKC-TL5RII
Max. Speed	5500rpm
Max. RCF	5400xg
Maximum Capacity	4*300ml
Speed Precision	±10rpm
Noise	＜60dB
Timing Range	1s~999min / continuous / short spin
Temperature Range	-20~40℃
Temperature Accuracy	±1℃
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H)mm	450*575*520
Package Size(W*D*H)mm	820*740*700
Net Weight(kg)	110
Gross Weight(kg)	145

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/15ml(●), 16*15ml(▲), 56*5ml			
No.2	Swing Rotor	8*100ml	4200	3715
Adapter	8*100ml, 8*50ml, 32*10ml/15ml(●)/5ml			
No.3	Angle Rotor	6*50ml	5500	5400
No.4	Mold Reaction Plate	4*96well	4000	2260

Low Speed Refrigerated Centrifuge

Features:

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

Technical Parameters:

Model	BKC-TL5RIII
Max. Speed	5500rpm
Max. RCF	5400xg
Maximum Capacity	4*750ml
Speed Precision	±10rpm
Noise	≤60dB
Timing Range	1s~999min / continuous / short spin
Temperature Range	-20~40℃
Temperature Accuracy	±1℃
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H)mm	600*790*890
Package Size(W*D*H)mm	710*840*1060
Net Weight(kg)	120
Gross Weight(kg)	150

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(▲), 28*50ml(●), 56*15ml/20ml(▲), 76*15ml, 96*5ml(vacuum blood collection tube), 148*5ml(immuno tubes)			
No.2	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.3	Swing Rotor	4*450ml	4200	3451
Adapter	4*250ml, 12*100ml, 16*50ml, 56*10ml/15ml(●), 40*10ml/15ml(▲), 96*5ml(immuno tubes), 68*5ml(vacuum blood collection tube)			
No.4	Angle Rotor	6*50ml	5500	5400
No.5	Microplate Rotor	2*2*96well	4000	2260
No.6	Cellular Crane Cup	148*5ml	4200	3410

High Speed Centrifuge

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

Micro High Speed Centrifuge

Features:

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

Technical Parameters:

Model	BKC-MH16
Max. Capacity	12*10ml
Max. Speed	16500rpm
Max. RCF	18780×g
Timing Range	0~99h59min
Control and Drive System	Frequency motor, micro control, direct drive
Noise	≤65dB
Consumption	350W
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	380*260*310
Package Size(W*D*H) mm	620*360*410
Net/Gross Weight(kg)	20/28

12*1.5/2.0ml

24*1.5/2.0ml

10*5ml

12*10ml

Rotor:

Model	Capacity	Speed(rpm)	RCF(×g)
Angle Rotor	12*1.5/2.0ml	16500	18780
	18*1.5/2.0ml	15000	17770
	24*1.5/2.0ml	14000	18180
	10*5ml	14000	13520
	8*7ml	14000	12340
	12*10ml	12000	13400

Table Top High Speed Centrifuge

Features:

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

12*1.5/2.0ml

6*50ml

Technical Parameters:

Model	BKC-TH16	BKC-TH18
Max. Capacity	6*50ml	
Max. Speed	16500rpm	18500rpm
Max. RCF	18780×g	23610×g
Timing Range	0~99h59min	
Noise	≤65dB	
Consumption	350W	
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	500*440*330	
Package Size(W*D*H) mm	750*640*530	
Net/Gross Weight(kg)	30/50	

Rotor:

Model	BKC-TH16			BKC-TH18		
	Capacity	Speed(rpm)	RCF(xg)	Capacity	Speed(rpm)	RCF(xg)
Angle Rotor	12*1.5/2.0ml	16500	18780	12*1.5/2.0ml	18500	23610
	18*1.5/2.0ml	15000	17770	18*1.5/2.0ml	15000	17770
	24*1.5/2.0ml	14000	18180	24*1.5/2.0ml	14000	18180
	10*5ml	13500	12570	10*5ml	14000	13520
	8*15ml	12000	14800	8*15ml	12000	14800
	12*10ml	12000	13400	12*10ml	12000	13400
	6*50ml	11000	11610	6*50ml	11000	11610
	6*50ml	6000	3460	6*50ml	6000	3460
Microplate	2*2*48 well	3000	1400	2*2*48 well	3000	1400

Table Top High Speed Refrigerated Centrifuge

Features:

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

Technical Parameters:

Model	BKC-TH16RIII	BKC-TH20RIII
Max. Capacity	4*100ml	
Max. Speed	16800rpm	20800rpm
Max. RCF	19600xg	30000xg
Speed Precision	±50rpm	
Temp range	-20~40℃	
Temp accuracy	±1℃	
Timing	0~99h59min	
Noise	≤65dB	
Power supply	AC110/220V, 50/60Hz	
Power consumption	1.5KW	
External size(W*D*H) mm	710*630*350	
Packing size(W*D*H) mm	850*730*570	
Net weight(kg)	75	
Gross weight(kg)	107	

Rotor:

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

Table Top High Speed Refrigerated Centrifuge

Features:

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

Technical Parameters:

Model	BKC-TH16R	BKC-TH20R
Max. Capacity	12*10ml	6*50ml
Max. Speed	16000rpm	20000rpm
Max. RCF	18180xg	27700xg
Standard Rotor	12*1.5/2.0ml	
Speed Precision	±50rpm	
Refrigeration System	CFC-free (R404a)	
Temp. Range	-20°C~40°C	
Temp. Precision	±1°C	
Timing Range	0~99h59min	
Noise	<65dB	
Consumption	1.5KW	
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	710*630*350	
Package Size(W*D*H) mm	860*780*550	
Net/Gross Weight(kg)	73/95	

Rotor:

Model	Capacity	BKC-TH16R		BKC-TH20R	
		Speed(rpm)	RCF(×g)	Speed(rpm)	RCF(×g)
Angle Rotor	12*1.5/2.0ml	16000	17800	20000	27700
	10*5ml	13000	11700	16000	17700
	24*1.5/2.0ml	14000	18180	14000	18180
	12*5/10ml	12000	13400	12000	13400
	6*50ml	/	/	12000	13800
Microplate	2*2*48 well	/	/	3000	1400

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-TH24RII
Max. Capacity	4*100ml	
Max. Speed	12000rpm	24000rpm
Max. RCF	13400xg	39900xg
Speed Precision	±50rpm	
Refrigeration System	CFC-free (R404a)	
Temp. Range	-20°C~40°C	
Temp. Precision	±1°C	
Timing Range	0~99h59min	
Noise	<65dB	
Identify Rotor	Automatic	
Consumption	1.5KW	
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	710*630*350	
Package Size(W*D*H) mm	960*830*550	
Net/Gross Weight(kg)	75/120	

Rotor:

Model	Capacity	BKC-TH12R		BKC-TH24RII	
		Speed(rpm)	RCF(×g)	Speed(rpm)	RCF(×g)
Angle Rotor	12*1.5/2.0ml	12000	10000	24000	39900
	24*1.5/2.0ml	11500	12300	16000	23800
	18*1.5ml	/	/	16000	17700
	30*1.5ml	/	/	12000	15300
	48*0.5ml	/	/	13500	17500
	10*5ml	12000	10000	20000	27700
	12*5ml/10ml	12000	13400	/	/
	8*15ml	/	/	12000	14800
	6*50ml	10000	9600	12000	13800
	4*100ml	8000	6700	11000	11720
Swing Rotor	4*50ml	4000	2150	4000	2150
Microplate	2*2*48Well	/	/	3000	1400

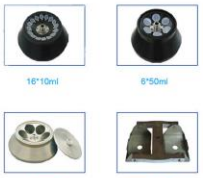
High Speed Refrigerated Centrifuge

Features:

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

Technical Parameters:

Model	BKC-VH20R	BKC-VH21RII
Max. Capacity	6*500ml	
Max. Speed	20000rpm	21000rpm
Max. RCF	43840×g	48330×g
Speed Precision	±50rpm	
Up and Down Speed Rate	Option set	
Temp. Range	-20~40℃	
Temp. Precision	±1℃	
Timing Range	0~99h59min	
Noise	<68dB	
Consumption	4.0KW	
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	820*710*950	
Package Size(W*D*H) mm	1070*830*1145	
Net/Gross Weight(kg)	240/300	



16*10ml 6*50ml 6*500ml Micro-plate rotor

Rotor:

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

High Speed Refrigerated Centrifuge

Features:

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

Rotor:

12*1.5/2.0ml 24*1.5/2.0ml 12*10ml 8*15ml 6*50ml 4*100ml 6*100ml 4*750ml 4*500ml 4*250ml micro-plate rotor 4*250ml 32*15ml 76*5ml (vacuum tube)

Technical Parameters:

Model	BKC-VH20RII
Max. Capacity	4*750ml
Max. Speed	20600rpm
Max. RCF	29400×g
Standard Rotor	12*1.5/2.0ml
Speed Precision	±50rpm
Refrigeration System	CFC-free (R404a)
Temp. Range	-20℃~40℃
Temp. Precision	±1℃
Control and Driven System	Frequency motor, micro control, direct driver
Timing Range	0~99h59min
Noise	≤65dB
Identify Rotor	Automatic
Consumption	2.0KW
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	710*560*770mm
Package Size(W*D*H) mm	860*690*1125
Net/Gross Weight(kg)	160/218

Rotor:

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

Large Capacity High Speed Refrigerated Centrifuge

6*1000ml

Features:

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

Technical Parameters:

Model	BKC-VH10RL
Max. Capacity	6*1000ml
Max. Speed	10000rpm
Max. RCF	18300xg
Speed Precision	±50rpm
Control and Driven System	Frequency motor, micro control, direct driver
Refrigeration System	CFC-free (R404a)
Temp. Range	-20°C~40°C
Temp. Precision	±1°C
Timing Range	0~99h59min
Noise	<68dB
Consumption	5.7KW
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	840*730*950
Package Size(W*D*H) mm	1085*835*1165
Net/Gross Weight(kg)	280/360

Rotor:

Model	Capacity	Speed(rpm)	RCF(xg)
Angle Rotor	6*1000ml	7000	11500

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*250ml
Max. Speed	20600rpm
Max. RCF	29400xg
Standard Rotor	12*1.5/2.0ml
Speed Precision	±50rpm
Refrigeration System	CFC-free (R404a)
Temp. Control Range	-20°C ~40°C
Temp. Precision	±1°C
Control and Driver System	Frequency motor, micro control, direct driver
Timing Range	0~99h59min
Noise	<65dB
Identify Rotor	Automatic
Consumption	1.8KW
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	630*760*400
Package Size(W*D*H) mm	890*890*585
Net/Gross Weight(kg)	140/162

Rotor:

Model	Capacity	Speed(rpm)	RCF(×g)	Model	Capacity	Speed(rpm)	RCF(×g)
Angle Rotor	12*1.5/2.0ml	20600	29400	Swing Bucket Rotor	8*50ml	4000	2810
	24*1.5/2.0ml	14000	18180		32*15ml	4000	2810
	12*10ml	14000	18800		32*10ml	4000	2810
	8*15ml	12000	14800		48*5ml/2ml (vacuum tube)	4000	2940
	6*50ml	12000	13800				
	8*50ml	10000	10500		76*5ml/2ml (vacuum tube)	4000	3100
	4*100ml	10000	10500				
	6*100ml	11000	14520		4*250ml	4000	3290
Swing Bucket Rotor	4*50ml	5000	4600		(Available adaptor: 8*50ml, 4*6*15ml, 4*8*10ml, 4*10*5ml)		
	4*100ml	5000	4800				
Microplate	2*2*96well	4000	2360				

Table Top High Speed Centrifuge

Features for BKC-TH16II:

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

Technical Parameters:

Model	BKC-TH16II
Max. Capacity	4*100ml
Max. Speed	16600rpm
Max. RCF	19200×g
Speed Precision	±30rpm
Timing Range	0~99h59min59s
Noise	≤65dB
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	400*350*340
Package Size(W*D*H) mm	550*500*540
Net Weight(kg)	20
Gross Weight(kg)	28

Rotor:

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

Table Top High Speed Refrigerated Centrifuge

Features:

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

Technical Parameters:

Model	BKC-TH16RII	BKC-TH20RII
Max. Capacity	4*100ml	
Max. Speed	16000rpm	20500rpm
Max. RCF	17800xg	29200×g
Speed Precision	±30rpm	
Temp Range	-20~40℃	
Temp Accuracy	±1℃	
Timing	0~99min	
Noise	≤58dB	≤65dB
Power Supply	1.5KW	1.75KW
Power Consumption	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	600*580*370	
Package Size(W*D*H) mm	750*730*570	
Net Weight(kg)	95	
Gross Weight (kg)	107	

Rotor:

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

Large Capacity High Speed Refrigerated Centrifuge

Features:

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

Technical Parameters:

Model	BKC-TH21RL
Max. Capacity	4*750ml
Max. Speed	21000rpm
Max. RCF	30700xg
Speed Precision	±30rpm
Temp. Range	-20~40℃
Temp. Accuracy	±1℃
Timing Range	0~99h59min59s
Noise	≤58dB
Consumption	2.5KW
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	800*700*400
Package Size(W*D*H) mm	950*850*600
Net Weight(kg)	110
Gross Weight(kg)	125

Rotor:

No.	Rotor	Speed(rpm)	RCF(xg)	Capacity	No.	Rotor	Speed(rpm)	RCF(xg)	Capacity
No.1	Angle Rotor	21000	30700	18*0.5ml	No.12	Adapter	4000	3500	4*8*5ml
No.2				12*2.2/1.5ml					4*8*7ml
No.3		16000	23550	48*0.5ml					4*8*10ml
No.4				24*2.2/1.5ml					4*2*50ml
No.5			17420	10*5ml					4*100ml
No.6		15000	24300	32*2.2/1.5ml	No.13	Swing Rotor	4000	3580	4*500ml
No.7			23120	12*10ml		Adapter	4000	3580	4*15*5ml
No.8		14000	20150	6*50ml					4*15*7ml
No.9			21940	4*100ml					4*12*10ml
No.10		12000	13200	12*15ml					4*8*15ml
No.11	Swing Rotor	5000	4390	4*100ml					4*4*50ml
	Adapter	4000	3500	4*2*100ml					4*2*100ml
				4*4*10ml					4*250ml
				4*6*10ml	No.14	Swing Rotor	4000	3580	4*750ml
				4*8*10ml	No.15	Swing Rotor	4000	2800	4*12*5ml
				4*4*15ml	No.16				4*12*7ml
				4*6*15ml	No.17				4*18*5ml
				4*8*15ml	No.18				4*18*7ml
				4*2*50ml	No.19				4*24*5ml
				/	No.20				4*24*7ml
		5000	4390	4*50ml	No.21	Microplate	4000	2380	2*2*96well
No.12	Swing Rotor	4000	3500	4*250ml	No.22			2300	2*2*48well

Table Top High Speed Centrifuge

Features for BKC-TH18II & BKC-TH21:

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

Technical Parameters:

Model	BKC-TH18II	BKC-TH21
Max Capacity	12*10ml	6*100ml
Max Speed	18500rpm	21000rpm
Max RCF	26019xg	30409xg
Speed Precision	±20rpm	
Timing Range	1s~999min	
Noise	≤60dB	
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	330*390*325	380*450*390
Package Size(W*D*H) mm	480*415*420	620*545*530
Net Weight(kg)	30	42
Gross Weight(kg)	38	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
	14500	19980	24*1.5ml/2.2ml	16500	20240	12*5ml
	16500	20240	12*5ml	14500	21390	12*10ml
	13200	17532	12*10ml	12000	16904	24*5ml
	/	/	/	12000	14032	24*10ml
	/	/	/	12000	14489	6(●)/8(▲)*15ml
	/	/	/	14500	20450	6*30ml
	/	/	/	12000	16904	6*50ml
	/	/	/	12000	16904	4*100ml
	/	/	/	16000	22324	48*0.5ml
	/	/	/	16000	24327	36*1.5ml/2.2ml
	/	/	/	11000	14302	6*100 ml
	14000	14243	4*8*0.2ml PCR tube	14500	16219	4*8*0.2ml PCR tube
	12000	16241	Capillary rotor 24	15000	20263	Capillary rotor 24
Swing Rotor	/	/	/	5000	3913	4*50ml
Micro Plate	/	/	/	5000	2375	2*2*48well

Table Top High Speed Refrigerated Centrifuge

Features:

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

Technical Parameters:

Model	BKC-TH18R
Max. Speed	18500rpm
Max. RCF	26019xg
Max. Capacity	10ml*12
Speed Precision	±10rpm
Temp. Range	-20°C~40°C
Temp. Accuracy	±1.0°C
Timing Range	1s~999min / continuous / short spin
Noise	＜60dB
Power Supply	110/220V, 50/60Hz
External Size(W*D*H)mm	545*505*410
Package Size(W*D*H)mm	745*640*670
Net Weight(kg)	70
Gross Weight(kg)	75

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	12500	13625	48*0.5ml
H0236	12500	14848	36*1.5ml/2.2ml	H0.232	13500	14059	4*8*0.2ml PCR tube
H0.136	12000	16241	Capillary rotor 24				

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

High Speed Refrigerated Centrifuge

Features:

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

6*500ml

Technical Parameters:

Model	BKC-VH21RL
Max. Speed	21000rpm
Max. RCF	47580xg
Max. Capacity	4*750ml
Speed Precision	±30rpm
Temp. Range	-20℃~40℃
Temp. Accuracy	±2.0℃
Timing Range	1min~23h59min
Noise	≦65dB
Consumption	3500W
Power Supply	110/220V, 50/60Hz, 10A
External Size(W*D*H)mm	920*1000*1500
Package Size(W*D*H)mm	1070*1180*1750
Net Weight(kg)	190
Gross Weight(kg)	230

Rotor:

Rotor No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Angle Rotor	16*10ml	21000	45580
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	6*300ml	10000	18500
No.7	Swing Rotor	4*750ml	4000	2300
	Adaptor	4*500ml, 4*250ml, 3*4*100ml, 5*4*50ml, 7*4*50ml, 14*4*15/20ml, 19*4*15ml, 24*4*5ml, 37*4*5ml		

High Speed Refrigerated Centrifuge

BKC-TH23RII

BKC-TH24R

BKC-TH24RL

H0.232 H0236 H0248 H0512 H1508 H8506

Features:

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

Technical Parameters:

Model	BKC-TH23RII	BKC-TH24R	BKC-TH24RL
Max. Speed	23000rpm	24000rpm	24000rpm
Max. RCF	36795xg	40217xg	40217xg
Max. Capacity	6*100ml	4*300ml	4*750ml
Speed Precision	±10rpm		
Timing Range	1s~999min/continuous/short spin		
Temp. Range	-20℃~40℃		
Temp. Accuracy	±1.0℃		
Noise	≦60dB		
Power Supply	110/220V, 50/60Hz		
External Size(W*D*H)mm	570*590*490	570*590*490	600*790*890
Package Size(W*D*H)mm	790*710*700	820*740*700	840*710*1060
Net Weight(kg)	95	110	120
Gross Weight(kg)	125	145	150

Rotor:

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

Angle Rotor	Capacity	BKC-TH23RII		BKC-TH24R		BKC-TH24RL	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
H0.512	12*0.5ml	23000	28288	24000	32625	24000	32625
H0.524	24*0.5ml	22000	36795	23000	40217	23000	40217
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
H1506	6*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
H3008	6*30ml	15000	21885	15000	21885	15000	21885
H5006	6*50ml	13000	19838	13000	19838	13000	19838
H5008	8*50ml	12000	19320	12000	19320	12000	19320
H8504	4*100ml	12000	16904	12000	16904	12000	16904
H0.548	48*0.5ml	16000	22324	16000	22324	16000	22324
H0.232	4*8*0.2ml PCR	14500	16219	15000	17356	15000	17356
H8506	6*100ml	12000	19320	12000	19320	12000	19320

Model	BKC-TH23RII	BKC-TH24R	BKC-TH24RL
No.1 swing rotor	4*50ml 5000rpm 3913xg	4*300ml 4500rpm 3781xg	4*750ml 4200rpm 3648xg
Adapter	/	4*250ml, 4*100ml, 12*50ml, 40*10/15ml(●), 16*15ml(▲), 56*5ml(Vacuum Blood Collection Tube),	4*500ml, 4*250ml, 12*100ml, 20*50 ml(▲), 28*50ml(●), 56*15/20ml(▲), 76*15ml, 96*5ml(Vacuum Blood Collection Tube), 148*5ml(Immuno Tubes)
No.2 swing rotor	4*15ml 5000rpm 3913xg	8*100ml 4200rpm 3175xg	4*300ml 4500rpm 3781xg
Adapter		8*100ml, 8*50ml, 32*10ml/15ml(●)/5ml	4*250ml, 4*100ml, 12*50ml, 40*10/15ml(●), 28*15ml(▲), 56*5ml(Vacuum Blood Collection Tube), 76*5ml(Immuno Tubes)
No.3 swing rotor	/	/	4*450ml 4200rpm 3451xg
Adapter	/	/	4*250ml, 8*100ml, 16*50ml 56*10/15ml(●), 40*10/15ml(▲), 68*5ml(Vacuum Blood Collection Tube), 96*5ml(Immuno Tubes)
No.4 Angle Rotor	Capillary rotor 24 pcs 12000rpm 16241xg		
No.5 Microplate rotor	2*2*48well 5000rpm 2375xg	2*2*96well 4000rpm 2260xg	

Other Specific Function Centrifuge

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

Hematocrit Centrifuge

Features:

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

Technical Parameters:

Model	BKC-HC12B
Max. Speed	12000rpm
Max. RCF	15800xg
Max. Capacity	24 capillaries
Timer Range	0~99min59s
Noise	≤55dB
Power Supply	AC110/220V, 50/60HZ
External Size(W*D*H)mm	310*270*220
Package Size(W*D*H)mm	370*280*220
Net Weight(kg)	14
Gross Weight(kg)	15

Rotor :

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

PCR Centrifuge

Features:

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

0.2ml*4*8

Technical Parameters:

Model	BKC-PCR16
Max. Capacity	6*10ml
Max. Speed	16000rpm
Max. RCF	19040xg
Speed Precision	±20rpm
Temp. Range	-20℃~40℃
Temp. Accuracy	±1.0℃
Timing Range	1~99min
Noise	≤55dB
Power Supply	AC110/220V±10%, 50/60Hz
External Size(W*D*H) mm	480*480*275
Package Size(W*D*H) mm	630*560*450
Net Weight(kg)	43
Gross Weight(kg)	57

Rotor:

No.	Rotor	Volume(ml)	Max Speed(r/min)	MaxRCF(×g)
No.1	Angle Rotor	40*0.2ml	16000	19040
No.2		30*0.5ml	13000	13900
No.3		12*1.5/2ml	16000	17940
No.4		20*1.5/2ml	14000	15580
No.5		24*1.5/2ml	13000	15470
No.6		30*1.5/2ml	13000	17930
No.7		4*8PCR	13000	10410
No.8		8*8PCR	13000	11540
No.9		24 capillaries	12000	15800
No.10		10*5ml	16000	17880
No.11		6*10ml	13000	14190

Automatic Uncovering Centrifuge

BKC-AU4

BKC-AU5/5R

Features:

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

48*7/5ml

76*7/5ml

124*7/5ml

Technical Parameters:

Model	BKC-AU4	BKC-AU5	BKC-AU5R
Capacity	48/76*7/5ml	120*7/5ml	124*7/5ml
Max. Speed	4000rpm	4000rpm	4000rpm
Max. RCF	3100×g	3400×g	3400×g
Speed Precision	±50rpm		
Refrigeration System	/		CFC-free (R404a)
Temp. Range	/		-20℃~40℃
Temp. Precision	/		±1℃
Control and Drive System	Frequency motor, micro control, direct driver		
Identify Rotor	/		Automatic
Timing Range	0~99h59min		
Noise	≤65dB		
Consumption	800W	1000W	2000W
Power Supply	AC110/220V, 50/60Hz		
External Size(W*D*H) mm	586*644*370	710*560*770	710*560*770
Package Size(W*D*H) mm	780*840*570	900*750*970	900*750*970
Net/Gross Weight(kg)	50/75	75/105	150/200

Gel Card Centrifuge

Application:

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

12 cards

24 cards

Features:

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

Technical Parameters:

Model	BKC-GC12	BKC-GC24
Max. Speed	4000rpm	
Max. RCF	2250xg	
Rotor	12 cards	24 cards
Speed Precision	±20rpm	
Time Range	0~99min	
Noise	≤55dB	
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)mm	460*320*230	500*360*250
Package Size(W*D*H)mm	560*380*330	610*435*340
Gross Weight(kg)	24	30

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	504xg
Speed Precision	±50rpm
Temp. Range	RT+10℃~65℃
Timing Range	0~99h59min
Noise	≤60dB
Consumption	1.5KW
Power Supply	AC110/220V, 50/60Hz
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	504

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.

BKC-MF5B /MF5C

Butyrometer angle rotor

Cream bottle swing rotor

Features:

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

Technical Parameters:

Model	BKC-MF5B	BKC-MF5C
Max. Capacity	4*300ml	4*800ml
Max. Speed	5000rpm	
Max. RCF	4730×g	
Speed Precision	±20rpm	
Timing Range	0~99min	
Noise	≤58dB	
Consumption	600W	450W
Power Supply	AC110V/220V±10%, 50/60Hz	
External Size(W*D*H)mm	620*450*360	685*500*395
Package Size(W*D*H)mm	820*520*610	870*580*610
Net/Gross Weight(kg)	52/68	67/77.6

Rotor for BKC-MF5B:

NO	Rotors	Volume(ml)	Max Speed(r/min)	MaxRCF(×g)
No.1	Swing Rotor	4*300ml(Round cup)	4000	3180
No.2		4*300ml（Square cup）	4000	3150
No.3	Microplate	2*4*96 Well	4000	2910
		2*3*96 Well		2910
No.4	Swing Bucket Rotor	4*1*50ml	5000	4730
		4*1*100ml		4730
No.5		4*2*100ml	4000	3020
		4*2*50ml		3200
		4*8*15ml		3200
		4*12*5ml Vacuum tube	4000	2480
		4*12*7ml Vacuum tube		2760
		4*12*10ml Vacuum tube		2880
		4*8*10/7/5ml Vacuum tube		2790
		4*6*10/7/5ml Vacuum tube		2790
		4*4*10/7/5ml Vacuum tube		2790
No.6	Swing Rotor	4*24*5ml Vacuum tube	4000	2840
		4*31*5ml Immuno tube		
No.7		4*24*7ml Vacuum tube	4000	3150
		4*18*10ml Vacuum tube		
		4*31*7ml Immuno tube		
No.8	Angle Rotor	6*15ml	5000	2540
No.9		12*15ml	5000	3080
No.10		24*15ml	5000	3500
No.11		30*15ml	5000	3830
No.12		4*50ml	5000	2520
No.13		6*50ml	5000	2850
No.14		12*50ml	5000	3860
No.15		24*50ml	4000	2970
No.16		4*100ml	5000	2630
No.17		6*100ml	5000	3130
No.18		12*100ml	4000	2970

Rotor for BKC-MF5C:

NO.	Rotors	Volume(ml)	Max Speed(r/min)	MaxRCF(×g)
No.1	Swing Rotor（Round cup）	4*800ml	4000	3450
No.2		4*750ml	4000	3530
No.3		4*500ml	4000	3450
No.4	Swing Rotor	4*4*96ml	4000	2940
		4*7*50ml		3470
No.5	Microplate	2*4*96well	4000	3210
No.6		2*4*48well		2300
No.7	Swing Bucket Rotor	4*1*50ml	5000	4730
		4*1*100ml		4730
No.8		4*2*100ml	4000	3020
		4*2*50ml		3200
		4*4*15ml		3200
		4*6*15ml		3200
		4*8*15ml		3200
		4*12*10ml Vacuum tube		2880
		4*12*7ml Vacuum tube		2760
		4*12*5ml Vacuum tube		2480
		4*8*10/7/5ml Vacuum tube		2790
		4*6*10/7/5ml Vacuum tube		2790
		4*4*10/7/5ml Vacuum tube		2790
No.9	Swing Rotor	4*24*5ml Vacuum tube	4000	2840
		4*31*5ml Immuno tube		
No.10	Swing Rotor	4*24*7ml Vacuum tube	4000	3150
		4*31*7ml Immuno tube		3150
		4*57*7ml Immuno tube		3270
		4*30*7ml Vacuum tube		3140
		4*40*7ml Vacuum tube		3270
		4*18*10ml Immuno tube		3140
No.11	Swing Rotor	Cream bottle	4000	3830
No.12	Angle Rotor	6*15ml	5000	2540
No.13		12*15ml	5000	3080
No.14		24*15ml	5000	3500
No.15		30*15ml	5000	3830
No.16		4*50ml	5000	2520
No.17		6*50ml	5000	2850
No.18		12*50ml	5000	3860
No.19		24*50ml	4000	2970
No.20		4*100ml	5000	2630
No.21		6*100ml	5000	3130
No.22		12*100ml	4000	2970

Blood Bag Centrifuge

Features:

* Microprocessor control, digital display with he temperature, time and speed.
* Brushless motor, free maintenance, speed up and down quickly.
* Automatically electric lid lock, over speed, over temperature and imbalance protection.
* Stainless steel centrifugal chamber and lid.
* LED display (LCD for optional).

Technical Parameters:

Model	BKC-BB6	BKC-BB6A	BKC-BB7
Max. Capacity	1000ml*4	1000ml*6	2400ml*6
Max. Speed	6000rpm	6000rpm	7000rpm
Max. RCF	6600×g	6600×g	11650×g
Speed Precision	±20rpm		
Temp. Range	-20℃ ~ 40℃		
Temp. Accuracy	±1℃		
Refrigeration Function	Yes		
Timing Range	1~99h59min		
Noise	≤55dB	≤65dB	≤60dB
Power Supply	AC110/220V±10%, 50/60Hz		380V, 50/60Hz
External Size(W*D*H) mm	800*675*830	750*850*940	940*890*1000
Package Size(W*D*H) mm	920*800*1320	1000*880*1350	1200*1050*1565
Net/Gross Weight(kg)	260/305	260/310	620/685

Rotor for BKC-BB6:

Rotor No.	Rotor	Volume(ml)	Max Speed(r/min)	MaxRCF(×g)
No.1	Swing Rotor	4*1000ml	4000	4060
	Adaptor	37*5ml,23*7ml(with cover), 14*15ml, 7*50ml, 5*50ml(sharp-bottom tube), 4*70ml, 3*100ml, 1*500ml		
No.2	Angle Rotor	4*300ml	6000	5390
No.3	Angle Rotor	6*300ml	6000	5660
No.4	Angle Rotor	6*500ml	6000	6600
No.5	Microplate	4*4*96well	4000	2840
No.6	Microplate	2*4*96well	4000	2940

Rotor for BKC-BB6A:

Rotor No.	Rotor	Volume(ml)	Max Speed(r/min)	MaxRCF(×g)
No.1	Swing Rotor Round Cup	6*1000ml	4200	5100
	Adaptor	37*5ml, 23*7ml(with cover), 14*15ml, 7*50ml, 5*50ml(sharp-bottom tube), 4*70ml, 3*100ml, 1*500ml		
	Swing Rotor Oval Cup	6*1000ml	4200	5100
No.2	Angle Rotor	4*300ml	6000	5390
No.3	Angle Rotor	6*300ml	6000	5660
No.4	Angle Rotor	6*500ml	6000	6600
No.5	Microplate	4*4*96well	4000	2940
No.6	Microplate	2*4*96well	4000	2940

Rotor for BKC-BB7:

Rotor No.	Rotor	Volume(ml)	Max Speed(r/min)	MaxRCF(×g)
No.1	Angle Rotor	6*1000ml	7000	11650
No.2	Swing Rotor	6*2400ml	4000	5330
No.3	Swing Rotor	2*6*1000ml	4200	5680

Blood Centrifuge

Application:

It is suitable for blood group serology, blood type routine test, micro surgery Gel, erythrocyte washing and immunoassay, etc.

Technical Parameters:

Model	BKC-TB12
Max. Speed	4000rpm
Max. RCF	2200×g
Consumption	200W
Power Supply	110/220V, 50/60Hz
External Size(W*D*H) mm	500*450*280
Package Size(W*D*H) mm	700*600*430
Net/Gross Weight(kg)	35/40

Lymphocyte Cleaning HLS Rotor

Blood Type Card Rotor

Erythrocyte Washing SERO Rotor

Rotor	Centeifugal Time	RCF(xg)	Applications
Erythrocyte Washing SERO Rotor	60min	500	Blood type determination, hemagglutination reflect observed
	15min	1000	Cross-suitability experiment, engage ball prime experiment
	60min	1000	Blood cell washing, extraction of serum and plasma
Lymphocyte cleaning HLS Rotor	180min	2000	Lymphocyte separation, cultured cell separation
	3min	1000	Removal of platelets (thrombin treatment)
	60min	1000	Lymphocyte cleaning
Blood Type Card Rotor	/	2500	6 and 8 associated column the micro blood type card, 24 cards, centrifuge holds 24 ScanGel cards

Blood Centrifuge

HLA

SERO

Features:

* Microprocessor control, less noisily, it is widely used to qualitative analysis of blood serum, plasma and urea in the fields of hospital, laboratory and biochemistry.
* Brushless motor, free maintenance, no powder pollution, quick in speed up and down.
* Special program, HLA and SERO separately.
* Micro-computer control, LCD displays the RCF, time and speed.
* Electric lid lock, compact design, Over-speed and imbalance protection.

Technical Parameters:

Model	BKC-TB4KII
Max. Speed	4000
Max. RCF	2000
Max. Capacity	12*7ml
Timer Range	0~99min
Noise	≤55dB
Power Supply	AC110/220V,50/60HZ,1A
External Size(W*D*H)mm	485*320*255
Package Size(W*D*H)mm	560*380*330
Net Weight(kg)	20
Gross Weight(kg)	21

Rotor:

Rotor	RCF(xg)	Use
Lymphocyte cleaning rotor / HLA	2000	Isolation: lymphocyte cultured cells
	1000	Platelet
	1000	Lymphocyte cleaning
Red blood cell cleaning rotor / SERO	500	Blood type determination, snowball agglutination
	1000	Cross-fit experiment, anti-globulin experiment
	1000	Blood cell cleaning, serum and plasma extraction

Crude Oil Centrifuge

4*100ml

Features:

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

Technical Parameters:

Model	BKC-OIL5B
Max. Speed	4000rpm
Max. RCF	2498xg
Max. Capacity	4*100ml
Timer Range	1~99min
Noise	≤60dB
Power Supply	AC110/220V, 50/60HZ
External Size(W*D*H)mm	685*500*405
Package Size(W*D*H)mm	870*580*520
Net Weight(kg)	67
Gross Weight(kg)	80

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	5000rpm
Max. RCF	5000xg
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	620*545*530
Net Weight(kg)	50
Gross Weight(kg)	67

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/15ml (Applies to 10ml syringe)