

Low Speed Large Capacity Refrigerated Centrifuge

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

Technical Parameters:

Model	BKC-TL5RL	BKC-VL6RLII
Max. Capacity	4*750ml	6*1000ml
Max. Speed	6000rpm	6000rpm
Max. RCF	3800xg	6680xg
Speed Precision	±20rpm	
Temp. Range	-20~40℃	
Temp. Accuracy	±1℃	
Timing Range	0~99h59min59s	0~59h59min59s
Noise	≤60dB	
Consumption	2.5KW	4KW
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H) mm	720*743*410	830*720*1250
Packing Size(W*D*H) mm	790*810*580	970*850*1440
Net Weight(kg)	110	268
Gross Weight(kg)	120	320

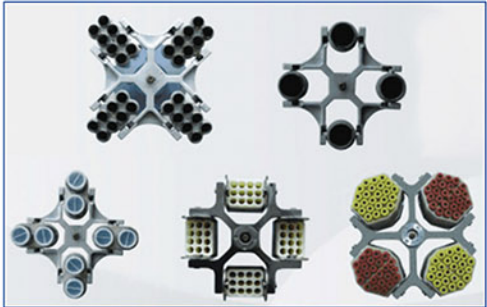
Rotor for BKC-VL6RLII:

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	Dimension of Tube (mm)
NO.1	Swing Rotor	4000	2810	4*2*100ml (Optional adapter)	Φ37.5*123
		4000	2810	4*100ml (Optional adapter)	Φ37.5*123
		4000	2810	4*2*50ml	Φ29*107
		4000	2810	4*50ml	Φ29*107
		4000	2810	4*8*15ml	Φ17*118
				4*6*15ml	Φ17*118
NO.2	Swing Rotor	4200	3500	4*250ml	Φ62*110
NO.3	Swing Rotor	4000	3040	4*500ml	Φ80*137
NO.4	Swing Rotor	4000	3500	4*750ml	Φ99*130
NO.5	Microplate Rotor	4000	2000	2*2*96well	Microplate
NO.6	Swing Rotor	4000	2800	4*12*7/5ml	Φ13*110
NO.7	Swing Rotor	4000	2800	4*18*7/5ml	Φ13*110
NO.8	Swing Rotor	4000	2800	4*24*7/5ml	Φ13*110
NO.9	Angle Rotor	6000	3800	6*50ml	Φ29*120

Table Top Low Speed Large Capacity Centrifuge



Technical Parameters:

Model	BKC-TL5LII
Max. Speed	5500rpm
Max. RCF	43900×g
Max. Capacity	4*500mL
Motor	AC frequency conversion motor
Speed Accuracy	±30r/min
Time Range	Centrifugal time:1min~99 min59sec Continuous centrifuge: Hold
Power Supply	AC220±22V 50/60Hz (Standard); 110V 60Hz (Optional)
Noise	< 60dB(A)
External Size (L*D*H)	450*620*380mm
Net Weight	55kg
Package Size (L*D*H)	800*520*570mm
Gross Weight	70kg

Features:

- * 5-inch high-definition touch screen, easily operated, visual display.
- * Automatically identify 4 kinds of different rotors, eliminate hidden danger brought by users' maloperation.
- * 9 ranges for raising speed, 10 ranges for speed reduction, to effectively avoid secondary sedimentation, with better centrifugation effect.
- * Available to store 20 series of procedure for users to adjust.
- * AC frequency conversion motor, high precision of rotary speed control.
- * Diverse protection setting: overspeed, door protection, imbalance protection, to ensure safety of both human and machine.
- * Free conversion between rotary speed and centrifugal force.

Rotor:

No.	Rotor	Speed(rpm)	RCF (xg)	Capacity	Dimension of Tube (mm)
NO.1	Angle Rotor	5500	4390	12*10/15ml	Φ16*83/Φ17*118
NO.2	Swing Rotor	4000	2810	4*2*100ml	Φ37.5*123
		4000	2810	4*100ml	Φ37.5*123
		4000	2810	4*2*50ml	Φ29*107
		4000	2810	4*50ml	Φ29*107
		4000	2810	4*8*15ml	Φ17*118
				4*6*15ml	Φ17*118
NO.3	Swing Rotor	4200	3500	4*250ml	Φ62*110
NO.4	Swing Rotor	4000	3040	4*500ml	Φ80*137
NO.5	Microplate Rotor	4000	2670	4*2*96well	Microplate
NO.7	Microplate Rotor	4200	2360	2*2*96well	Microplate
NO.8	Swing Rotor	4000	3200	4*37*5ml	RIA tube
NO.9	Swing Rotor	4000	3200	4*30*7ml	RIA tube