

Low Speed Large Capacity Refrigerated Centrifuge

Features:

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

Technical Parameters:

Model	BKC-TL5RL	BKC-VL6RLII
Max. Capacity	4*750ml	6*1000ml
Max. Speed	5500rpm	6000rpm
Max. RCF	4390xg	6680xg
Speed Precision	±30rpm	±20rpm
Temp. Range	-20~40°C	
Temp. Accuracy	±1°C	
Timing Range	0~99h59min59s	0~59h59min59s
Noise	≤60dB	≤58dB
Consumption	1.2KW	3KW
Power Supply	AC220±22V 50/60Hz (Standard); AC110V 60Hz (Optional)	
External Size(W*D*H) mm	720*743*410	720*830*1250
Packing Size(W*D*H) mm	810*825*570	970*850*1440
Net Weight(kg)	110	268
Gross Weight(kg)	120	350

Rotor for BKC-VL6RLII:

No.	Rotor	Max.Speed(rpm)	Max.RCF(xg)	Max. Capacity	Dimension of Bottle(mm)
No.1	Angle Rotor	6000	5650	6*300ml	Φ63*157
No.2	Angle Rotor	6000	6680	6*500ml	Φ74*168
No.3	Swing Rotor (round cup)	4200	5100	6*1000ml	Φ100*175
No.4	Swing Rotor (square cup)	4200	5100	6*1000ml	/

With mark(●) or no mark is round-bottom tube, with mark(▲) is sharp-bottom tube

Rotor for BKC-TL5RL:

No.	Rotor	Max. Speed(rpm)	Max. RCF(xg)	Max. Capacity	Dimension of Tube(mm)
NO.1	Angle Rotor	5500	4390	12*100ml	Φ16*83
NO.2	Angle Rotor	5500	4390	12*150ml	Φ17*121
NO.3	Swing Rotor	/	/	Support	/
	Tube Rack	4000	2810	4*100ml	Φ38*119
				4*2*100ml	Φ38*119
				4*4*100ml	Φ16*115
				4*6*100ml	Φ16*115
				4*8*100ml	Φ16*115
				4*4*150ml(▲/●)	Φ16*120
				4*6*150ml(▲/●)	Φ16*120
				4*8*150ml(▲/●)	Φ16*120
				4*50ml(▲/●)	Φ29*125
				4*2*50ml(▲/●)	Φ29*125
NO.4	Swing Rotor	4200	3500	4*250ml	Φ62*125
	Adapter	4200	3500	4*8*5ml	/
				4*8*7ml	/
				4*7*10ml	/
				4*5*15ml	/
				4*2*50ml(●)	/
				4*1*50ml(▲)	/
				4*100ml	/
NO.5	Swing Rotor	4000	3040	4*500ml	Φ80*150
	Adapter	4000	3040	4*15*5ml	/
				4*15*7ml	/
				4*12*10ml	/
				4*8*15ml(▲)	/
				4*4*50ml(▲/●)	/
				4*2*100ml	/
				4*250ml	/
NO.6	Swing Rotor	4000	3180	4*750ml	Φ99*130
NO.7	Swing Rotor	4200	3500	4*12*7/5ml	Φ13*110/90
NO.8	Swing Rotor	4200	3500	4*18*7/5ml	Φ13*110/90
NO.9	Swing Rotor	4000	3040	4*24*7/5ml	Φ13*110/90
NO.10	Microplate Rotor	4000	2000	2*2*48well	Microplate
NO.11	Microplate Rotor	4200	2360	2*2*96well	Microplate