

High Speed Refrigerated Centrifuge

Features:

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



Technical Parameters:

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



Rotor:

Model	Capacity	BKC-VH20R		BKC-VH21RII	
		Speed(rpm)	RCF(xg)	Speed(rpm)	RCF(xg)
Angle Rotor	16*10ml	20000	43840	21000	48330
	6*50ml	18000	37580	18000	37580
	8*50ml	16000	29365	16000	29365
	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

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Features:

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

Rotor:



Technical Parameters:

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



Rotor:

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