

## Table Top High Speed Refrigerated Centrifuge



### Features:

- \* Whole metal structure and multi-layer explosion-proof, safe, durable, to ensure the safety of operators.
- \* Rotors are made of high-strength aluminum alloy and can be disinfected at high temperature and pressure.
- \* Embedded microprocessor control, DC brushless motor drive, maintenance-free, good shock-absorbing, stable operation.
- \* 5-inch LCD screen, real-time display of all parameters, the operation interface is intuitive and simple.
- \* Electromechanical integration door lock, safe and reliable.
- \* Integral food-grade silicone sealing ring is used to avoid aerosol overflow and ensure the safety of operator.
- \* Adopts CFC-free compressor unit and environmentally friendly refrigerant R404a, with a wide temperature range: -20°C~40 °C, temperature adjustable during running. With refrigeration function, quickly lower the temperature the setting temperature. With standby cooling function, the set temperature can be maintained in standby state.
- \* With self-test, blocking, overspeed, overtemperature and other alarm functions, excellent shock-absorb, the motor runs smoothly.
- \* Multiple groups of user-defined programs, easy to use common programs, boot for the last program.
- \* Equipped with a variety of angle rotors and adapters, suitable for 0.1ml~500ml centrifugal tube, according to actual needs, to achieve a multi-purpose machine.
- \* Optional automatic rotor recognition.

### Technical Parameters:

Model	BKC-TH21RS
Max. Speed	21000rpm
Speed Accuracy	±20 rpm
Max. RCF	31308×g
Max. Volume	4*500ml
Refrigeration System	CFC-free compressor, R404a
Timing Range	1s~99min59s/Continuous/Short-span
Temp. Range	-20°C~+40°C
Temp. Accuracy	±1°C
Noise	≤65dB
Power Supply	Standard: AC220V, 50/60Hz Optional: AC110V, 50/60Hz
Rated Power	1200W
External Size(L*W*H)	785*670*445mm
Package Size(L*W*H)	815*915*850mm
Net Weight	105kg
Gross Weight	170kg(220V), 180kg(110V)

### Rotors:

NO.	Type	Volume	Max. Speed(rpm)	Max RCF(×g)	Adapters	
21M0001	Angle Rotor	12*1.5/2ml	21000	31308	0.2ml, 0.5ml	
21M0002		18*1.5/2ml	18000	27167		
21M0003		24*1.5/2ml	16000	25759		
21M0004		36*1.5/2ml	13500	19159		
21M0005		48*1.5/2ml	13000	20122		
21M0006		40*0.2ml	15000	21695	/	
21M0007		24*0.5ml	18000	20035	/	
21M0008		30*0.5ml	18000	15210	/	
21M0009		40*0.5ml	15000	15267	/	
21M0010		10*5ml	16000	20035	1.5/2ml	
21M0011		8*7ml	16000	21466	/	
21M0012		12*10/15ml(Low speed)	6000	4387	2/3/4/5/7ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)	
21M0013		12*10ml	16000	25473	1.5/2ml, 5ml	
21M0014		8*15ml(▲/●)	12000	15294	15ml(▲)→5ml(▲)	
21M0015		6*50ml(▲/●/flat bottom)	14000	22351	●→▲, ▲→●, 50ml(▲)→15ml(▲), 5ml Freezing tube	
21M0016		6*50ml(Low speed)	6000	3904	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2m	
21M0049		8*50ml	12000	15557	/	
21M0017		4*100ml(▲/●)	12000	17700	/	
21M0018		6*100ml(▲/●)	10000	13975	/	
21M0019	4*8*0.2ml pcr	13000	11941	/		
21M0020	Swing Rotor	48*2/3/4/5/7ml blood collection tube	4000	2952	2/3/4ml blood collection tube	
21M0021		48*5/7ml blood collection tube		2952		
21M0022		72*2/3/4/5/7ml blood collection tube		2808	/	
21M0023		96*2/3/4/5/7ml blood collection tube		3104	/	
21M0025		16*10/15ml		2957	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)	
21M0026		24*10/15ml		2957		
21M0027		32*10/15ml		2952		
21M0028		36*10ml		2862	/	
21M0030		4*50ml		5500	5597	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml
21M0031		8*50ml		4000	2952	
21M0032		4*100ml		5500	5817	16*2/3/4ml blood collection tube, 16*5/7ml blood collection tube
21M0033		8*100ml			3077	32*2/3/4ml blood collection tube, 32*5/7ml blood collection tube
21M0034-1		4*250ml(biosafety)			3578	48*1.5/2ml, 40*2/3/4/5/7ml blood collection tube, 48*2/3/4/5/7ml blood collection tube, 24*10ml(▲), 28*10ml, 20*15ml, 4*50ml(▲), 8*50ml(●), 4*100ml
21M0034		4*250ml(flat bottom)			2780	
21M0035	4*300ml		3220			
21M0036	4*500ml(flat bottom)	4000	3130	48*2/3/4/5/7ml blood collection tube, 64*2/3/4/5/7ml blood collection tube, 36*10ml(●), 36*10ml(▲), 36*15ml(●), 36*15ml(▲), 12*50ml(●), 12*50ml(▲), 16*50ml(●), 16*50ml(▲), 48*15ml(▲), 4*250ml, 32*15ml(▲), 48*10ml(●)		
21M0036-1	4*500ml(biosafety)		3399			
21M0037	4*250ml(▲)		3578	/		
21M0038	Auto uncap	2*2*96 well		2361	/	
21M0039	swing rotor PRP	48*2/3/4/5/7ml blood collection tube(Auto uncap)		3220	/	
21M0040	Swing Rotor	4*10ml conventional syringe	4300	3401	/	
21M0041		4*20ml conventional syringe		3649	/	
21M0048		4*50ml conventional syringe		4000	3309	/
21M0042	Angle Rotor	12*20ml	5000	3516	15ml, 10ml, 5ml, 1.5/2ml	
21M0043		12*15ml		3354	1.5/2ml, 2/3/4ml blood collection tube	
21M0045		24*10ml		3354	1.5/2ml, 2/3/4ml blood collection tube	
21M0046		18*10ml		3354		
21M0047		12*10ml		3354		
21M0044	24*10/15ml	6000	5031	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)		

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