

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℃~40℃, 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℃~+40℃
Temp. Accuracy	±1℃
Noise	≤65dB
Power Supply	Standard: AC220V, 50/60Hz Optional: AC110V, 50/60Hz
Rated Power	1200W
External Size(L*W*H)	767*670*445mm
Package Size(L*W*H)	815*915*850mm
Net Weight	105kg
Gross Weight	130kg

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, 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	Swing Rotor	6*50ml(Low speed)	6000	3904	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml
21M0049		8*50ml	12000	15557	/
21M0017		4*100ml(▲/●)	12000	17700	/
21M0018		6*100ml(▲/●)	10000	13975	/
21M0019		4*8*0.2ml pcr	13000	11941	/
21M0020		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	
21M0026		24*10/15ml	5500	2957	2/3/4ml blood collection tube, 5/7ml blood collection tube, 15ml(▲)
21M0027		32*10/15ml		2952	
21M0028		36*10ml		2862	
21M0030		4*50ml		5597	
21M0031		8*50ml		2952	
21M0032	Auto uncapped swing rotor	4*100ml	4300	5817	16*2/3/4ml blood collection tube, 16*5/7ml blood collection tube
21M0033		8*100ml		3077	
21M0034-1		4*250ml(biosafety)		3578	
21M0034		4*250ml(flat bottom)		2780	
21M0035		4*300ml		3220	
21M0036	PRP Swing Rotor	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*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		2*2*96 well		2361	
21M0039		48*2/3/4/5/7ml blood collection tube(Auto uncapped)		3220	
21M0040	Angle Rotor	4*10ml conventional syringe	4300	3401	15ml, 10ml, 5ml, 1.5/2ml
21M0041		4*20ml conventional syringe		3649	
21M0042		4*50ml conventional syringe		3309	
21M0043		12*20ml		3516	
21M0044		12*15ml		3354	
21M0045	Angle Rotor	24*10ml	5000	3354	1.5/2ml, 2/3/4ml blood collection tube
21M0046		18*10ml		3354	
21M0047		12*10ml		3354	
21M0048		24*10/15ml		5031	
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.