



CF210R

Large Capacity High Speed Refrigerated Centrifuge

CF210R adopt the latest VF compressor with PID dynamic intelligent temperature control technology and dual channel frequency conversion refrigeration system. It's top level in the world, meet customers' high-precision temperature control experiments and protect temperature sensitive samples. It is the first choice for molecular biology, protein, DNA, RNA, cell separation and clinical medicine.



Product Advantages

- 7-inch HD touch screen, Setting parameters and running parameters at a glance.
- Input the value directly by touch screen for parameter setting , which is fast and convenient.
- According to the time interval of the experiment, the sleep time of the instrument ca be set (user-defined), which can ensure the good refrigeration effect as well as save energy and increase the service life of the instrument.
- Pre-cooling function available. pre-cooling parameters can be customized according to different rotors. And it can be scheduled in advance, so the experiment can be carried out once entering the laboratory to save time.
- 100 user-defined program groups can be set and named easily. which is more convenient to call and distinguish different experiments in use, so as to realize the repeatability of the experiment.
- Up to 5 groups of programs can be selected to realize step centrifugation, so that the experiment can be carried out in multiple steps at one time.
- 11 Acceleration and 12 Deceleration rates, to achieve best centrifugal effect.
- The running records and diagnostic records are saved automatically, user can effectively check the operation of the instrument and the separation of each batch of samples.
- AC variable frequency motor, no carbon pollution, maintenance free, long service life and accurate speed control accuracy (less than 10r/min).



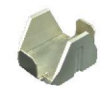
Technical Parameter

Order NO	926914			
Max Speed	Angle Rotor	21000r/min	Swing Rotor	4200r/min
Max RCF	Angle Rotor	32752xg	Swing Rotor	3860xg
Max Capacity	Angle Rotor	6x100ml	Swing Rotor	4x750ml
Speed Accuracy	±10r/min			
Time Setting Range	1s~99min59s/1min~99h59min/1s~99h59min59s			
Timing mode	Start timing , Speed timing, Continuous timing			
Temperature Setting Range	-20~40℃			
Temperature Accuracy	Max speed temperature controlled to 4℃ , ±0.5℃			
Pre-cooling function	Yes			
Compressor Unit	VF compressor unit(R134a)			
Noise	≤65dB (A)			
Short Spinning	Yes			
Rotor Identification	Yes			
Power Supply	AC 220±22V 50/60Hz			
Power Consumption	1.6kW			
Dimension (WxDxH)	590×740×850(mm)			
Packing Dimension (WxDxH)	750×880×1200(mm)			
Net Weight	180kg			



Rotor Parameters

No:1	 Rotor Type: Angle Rotor Max Capacity: 12x1.5/2.2ml Max Speed: 21000r/min Max RCF: 30642xg Order NO: 927286 Adapter: 0.2ml、0.5ml	No:2	 Rotor Type: Angle Rotor Max Capacity: 12x15ml(conical) Max Speed: 14000r/min Max RCF: 21913xg Order NO: 927295 Adapter: 5ml (conical)
No:3	 Rotor Type: Angle Rotor Max Capacity: 20x10ml Max Speed: 14000r/min Max RCF: 21480xg Order NO: 927044 Adapter: 1.5ml、5ml	No:3	 Rotor Type: Angle Rotor Max Capacity: 6x30ml Max Speed: 15000r/min Max RCF: 23120xg Order NO: 927034 Adapter: 5ml、10ml
No:4	 Rotor Type: Angle Rotor Max Capacity: 6x50ml Max Speed: 13500r/min Max RCF: 19354xg Order NO: 927287 Adapter: 1.5ml、5ml、10ml、15ml、20ml、25ml、30ml	No:5	 Rotor Type: Angle Rotor Max Capacity: 6x50ml (conical) 50ml round bottom adapter as gift Max Speed: 13000r/min Max RCF: 17947xg Order NO: 927288 Adapter: 15ml (conical)
No:6	 Rotor Type: Angle Rotor Max Capacity: 12x5ml Max Speed: 16500r/min Max RCF: 19166xg Order NO: 927297 Adapter: 0.5ml、1.5ml	No:7	 Rotor Type: Angle Rotor Max Capacity: 30x1.5/2.2ml Max Speed: 16000r/min Max RCF: 28918xg Order NO: 927290 Adapter: 0.2ml、0.5ml
No:8	 Rotor Type: Angle Rotor Max Capacity: 48x1.5/2.2ml Max Speed: 15000r/min Max RCF: 24663xg Order NO: 927292 Adapter: 0.2ml、0.5ml	No:9	 Rotor Type: Angle Rotor Max Capacity: 6×100ml Max Speed: 10000r/min Max RCF: 11960xg Order NO: 927294 Adapter: 5ml、10ml、25ml、15ml (conical/round) 、50ml (conical/round)
No:10	 Rotor Type: Angle Rotor Max Capacity: 24x1.5/2.2ml Max Speed: 18500r/min Max RCF: 32752xg Order NO: 927298 Adapter: 0.2ml、0.5ml	No:11	 Rotor Type: Angle Rotor Max Capacity: 8x50ml (conical) 50ml round bottom adapter as gift Max Speed: 11000r/min Max RCF: 14100xg Order NO: 927038 Adapter: 1.5ml、5ml、10ml、15ml、20ml、25ml、30ml
No:14	 Rotor Type: Angle Rotor Max Capacity: 8x50ml Max Speed: 12000r/min Max RCF: 15615xg Order NO: 927299 Adapter: 1.5ml、5ml、10ml、15ml、20ml、25ml、30ml	/	

No:15  Rotor Type: Swing Rotor Max Capacity: 4xTLDA Max Speed: 2000r/min Max RCF: 926xg Order NO: 927055		 Bucket Order NO: 927073		 Adapter Order NO: 927254	
Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
No:12  Rotor Type: Swing Rotor Max Speed: 4200r/min Max RCF: 3610xg Max Capacity: 4×500ml Order NO: 927047 (Bucket not included)	 Round Bucket Order NO: 927068  Aerosol-tight round bucket Order NO: 927071		4x1x250ml 927244		4x2x100ml 927099
			4x4x50ml(conical/round) 927098		4x7x20ml 927096
			4x9x15ml(conical/round) 927232		4x11x15ml (conical) (Cap≤21.5mm) 927256
			4x14x10ml 927267		4x19x5/7ml Vaccum blood collection tube 927095
			4x36x1.5ml 927265	/	
	 Rectangular Bucket Order NO: 927061  Rectangular bucket with sealing cover Order NO: 927065		4x1x250ml 927206		4x3x100ml 927272
			4x6x50ml(conical/round) 927201		4x12x15ml(conical/round) 927262 (conical) 927275 (round)
			4x20x10ml 927228		4x31x5/7ml Vaccum blood collection tube 927276
			4x56x1.5ml 927263	/	
	 Microplate bucket Order NO: 927072	4x1x96Deep-well plate		4x2x96Microplate	

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
No:13  Rotor Type: Swing Rotor Max Speed: 4200r/min Max RCF: 3860xg Max Capacity: 4x750ml Order NO: 927055 (Bucket not included)	 Round Bucket Order NO: 927406		4x1x500ml (conical/flat) 927415 (conical) 927416 (flat)		4x1x250ml (conical/flat) 927260 (conical) 927204 (flat)
			4x4x100ml 927409		4x5x50ml (Self-standing tube) 927203
			4x7x50ml(conical/round) 927407 (conical) 927097 (round)		4x10x20ml 927417
	 Aerosol-tight round bucket Order NO: 927405		4x15x15ml (conical) 927408		4x19x10ml (Self-standing tube) 927271
			4x21x10ml 927270		4x27x5/7ml Vaccum blood collection tube 927269
			4x37x5ml (RIA tube) 927251		4x56x1.5ml 927414
	 Rectangular Bucket Order NO: 0303891002 927404		4x9x50ml(conical/round) 927411 (conical) 927412 (round)		4x19x15ml(conical/round) 927410 (conical) 927266 (round)
			4x30x10ml 927268		4x38x5/7ml Vaccum blood collection tube 927413
	 Microplate bucket Order NO:927055	4x2x96 Deep-well plate 4x4x96 Microplate Plate height in total≤67mm			