



## CH210R NEW Large Capacity High Speed Refrigerated Centrifuge

CH210R adopt the latest VF compressor with PID dynamic intelligent temperature control technology (Patent NO: zI201922274761.7) and dual channel frequency conversion refrigeration system (Patent NO: zI201922269242.1). 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

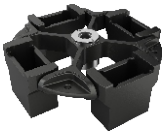

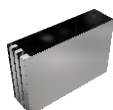
- ◆ 7-inch HD touch screen, Setting parameters and running parameters at a glance.
- ◆ Input the value directly by touch screen for parameter setting, which is fast and convenient.
- ◆ According to the time interval of the experiment, the sleep time of the instrument can be set (user-defined), which 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).

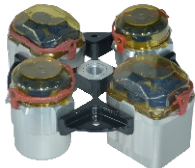



















### Technical parameter



















Order NO	0202253015			
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°C			
Temperature Accuracy	Max speed temperature controlled to 4°C, ±0.5°C			
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

<p><b>No:1</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 12x1.5/2.2ml Max Speed: 21000r/min Max RCF: 30642xg Order NO: 0301805020 Adapter: 0.2ml, 0.5ml</p>	<p><b>No:2</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 12x15ml( conical) Max Speed: 14000r/min Max RCF: 21913xg Order NO: 0301891142 Adapter: 5ml (conical)</p>
<p><b>No:3</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 20x10ml Max Speed: 14000r/min Max RCF: 21480xg Order NO: 0301891296 Adapter: 1.5ml, 5ml</p>	<p><b>No:3</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x30ml Max Speed: 15000r/min Max RCF: 23120xg Order NO: 0301891095 Adapter: 5ml, 10ml</p>
<p><b>No:4</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x50ml Max Speed: 13500r/min Max RCF: 19354xg Order NO: 0301805420 Adapter: 1.5ml, 5ml, 10ml, 15ml, 20ml, 25ml, 30ml</p>	<p><b>No:5</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x50ml (conical) 50ml round bottom adapter as gift Max Speed: 13000r/min Max RCF: 17947xg Order NO: 0301805930 Adapter: 15ml (conical)</p>
<p><b>No:6</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 12x5ml Max Speed: 16500r/min Max RCF: 19166xg Order NO: 0301891235 Adapter: 0.5ml, 1.5ml</p>	<p><b>No:7</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 30x1.5/2.2ml Max Speed: 16000r/min Max RCF: 28918xg Order NO: 0301812510 Adapter: 0.2ml, 0.5ml</p>
<p><b>No:8</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 48x1.5/2.2ml Max Speed: 15000r/min Max RCF: 24663xg Order NO: 0301812830 Adapter: 0.2ml, 0.5ml</p>	<p><b>No:9</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x100ml Max Speed: 10000r/min Max RCF: 11960xg Order NO: 0301891099 Adapter: 5ml, 10ml, 25ml, 15ml (conical/round) 、 50ml (conical/round)</p>
<p><b>No:10</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 24x1.5/2.2ml Max Speed: 18500r/min Max RCF: 32752xg Order NO: 0301891236 Adapter: 0.2ml, 0.5ml</p>	<p><b>No:11</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 8x50ml (conical) 50ml round bottom adapter as gift Max Speed: 11000r/min Max RCF: 14100xg Order NO: 0301891237 Adapter: 1.5ml, 5ml, 10ml, 15ml, 20ml, 25ml, 30ml</p>
<p><b>No:14</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 8x50ml Max Speed: 12000r/min Max RCF: 15615xg Order NO: 0301891253 Adapter: 1.5ml, 5ml, 10ml, 15ml, 20ml, 25ml, 30ml</p>	<p>/</p>

<p><b>No:15</b></p>  <p>Rotor Type: Swing Rotor Max Capacity: 4xTLDA Max Speed: 2000r/min Max RCF: 926xg Order NO: 0302891036</p>	 <p>Bucket Order NO: 0303891114</p>	 <p>Adapter Order NO: 0304891279</p>
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Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO	
<p><b>No:12</b></p>  <p>Rotor Type: Swing Rotor Max Speed: 4200r/min Max RCF: 3610xg Max Capacity: 4×500ml Order NO: 0302850110 (Bucket not included)</p>	 <p>Round Bucket Order NO: 0303891022</p>  <p>Aerosol-tight round bucket Order NO: 0303891077</p>		<p>4x1x250ml 0304891142</p>		<p>4x2x100ml 0304891009</p>	
			<p>4x4x50ml(conical/round) 0304891008</p>		<p>4x7x20ml 0304851485</p>	
			<p>4x9x15ml(conical/round) 0304891083</p>		<p>4x11x15ml (conical) (Cap≤21.5mm) 0304891508</p>	
			<p>4x14x10ml 0304891705</p>		<p>4x19x5/7ml Vaccum blood collection tube 0304851450</p>	
			<p>4x36x1.5ml 0304891677</p>	/		
			<p>4x1x250ml 0304891041</p>		<p>4x3x100ml 0304891744</p>	
			<p>4x6x50ml(conical/round) 0304891014</p>		<p>4x12x15ml(conical/round) 0304891582 (conical) 0304891779 (round)</p>	
			<p>4x20x10ml 0304891077</p>		<p>4x31x5/7ml Vaccum blood collection tube 0304891782</p>	
			<p>4x56x1.5ml 0304891603</p>	/		
		 <p>Microplate bucket Order NO: 0303891110</p>	4x1x96 Deep-well plate	4x2x96 Microplate		

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:13</p>  <p>Rotor Type: Swing Rotor Max Speed: 4200r/min Max RCF: 3860xg Max Capacity: 4×750ml Order NO: 0302891036 (Bucket not included)</p>	 <p>Round Bucket Order NO: 0303891025</p>		4x1x500ml (conical/flat) 0304891035 (conical) 0304891036 (flat)		4x1x250ml (conical/flat) 0304891562 (conical) 0304891039 (flat)
			4x4x100ml 0304891006		4x5x50ml (Self-standing tube) 0304891024
			4x7x50ml(conical/round) 0304891003 (conical) 0304891004 (round)		4x10x20ml 0304891163
			4x15x15ml (conical) 0304891005		4x19x10ml (Self-standing tube) 0304891732
			4x21x10ml 0304891730		4x27x5/7ml Vaccum blood collection tube 0304891728
			4x37x5ml (RIA tube) 0304891166		4x56x1.5ml 0304891025
	 <p>Rectangular Bucket Order NO: 0303891002</p>		4x9x50ml(conical/round) 0304891015 (conical) 0304891016 (round)		4x19x15ml(conical/round) 0304891012 (conical) 0304891704 (round)
			4x30x10ml 0304891709		4x38x5/7ml Vaccum blood collection tube 0304891017
	 <p>Microplate bucket Order NO: 0303891147</p>	4x2x96 Deep-well plate    4x4x96 Microplate Plate height in total≤67mm			