



CHT210



Benchtop Large Capacity High Speed Centrifuge

Swing rotor 4x750ml (rectangular bucket), it can spin up to 36x50ml conical tube, 88x15ml conical tube and 168x7ml vacuum blood collection tube in one cycle. The air flow guiding design keep the centrifuge chamber temperature in low level, to protect temperature sensitive samples. The acceleration time takes only 15s from 0 to 21000r/min. Rotors, baskets and adapters can be sterilized under high temperature and high pressure; It's a powerful and versatile universal centrifuges for different lab application.














Product advantages

- ◆ Equipped with 7-inch touch screen, high definition (800 * 480), simple operation and intuitive display.
- ◆ The Setting parameters and running parameters can be displayed simultaneously.
- ◆ Input the value directly by touch screen for parameter setting, which is fast and convenient.
- ◆ 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.
- ◆ 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).
- ◆ Max Capacity 4x750ml, which can be equipped with the aerosol-tight bucket to ensure the safety of centrifugation and no pollution.
- ◆ 14 kinds of rotors available. Compatible with 0.2-750ml tube/bottle and MTP. It can rotating at high speed or large capacity, for different lab application

Technical parameter

Order NO	0203270006
Max Speed	21000r/min
Max RCF	30642xg
Max Capacity	4x750ml
Speed Accuracy	±10r/min
Time Setting Range	1s~99min59s/1min~99h59min
Timing mode	start timing, speed timing and continuous timing.
Noise	≤ 65dB (A)
Short Spinning	Yes
Rotor Identification	Yes
Power Supply	AC 220±22V 50/60Hz
Power Consumption	900W
Dimension (WxDxH)	510×635×398(mm)
Packing Dimension (WxDxH)	660×770×450(mm)
Net Weight	76kg

 Rotor parameters

<p>No:1</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>No:2</p>  <p>Rotor Type: Angle Rotor Max Capacity: 12x15ml(conical) Max Speed: 13000r/min Max RCF: 18894xg Order NO: 0301891142 Adapter: 5ml (conical)</p>
<p>No:3</p>  <p>Rotor Type: Angle Rotor Max Capacity: 12x10ml Max Speed: 14000r/min Max RCF: 20140xg Order NO: 0301805310 Adapter: 1.5ml, 5ml</p>	<p>No:3</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x30ml Max Speed: 14000r/min Max RCF: 20140xg Order NO: 0301891095 Adapter: 5ml, 10ml</p>
<p>No:4</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x50ml Max Speed: 13000r/min Max RCF: 17947xg Order NO: 0301805420 Adapter: 1.5ml, 5ml, 10ml, 15ml, 20ml, 25ml, 30ml</p>	<p>No:5</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x50ml (conical) 50ml round bottom adapter as gift Max Speed: 12000r/min Max RCF: 15292xg Order NO: 0301805930 Adapter: 15ml (conical)</p>
<p>No:6</p>  <p>Rotor Type: Angle Rotor Max Capacity: 12x5ml Max Speed: 15000r/min Max RCF: 15840xg Order NO: 0301891235 Adapter: 0.5ml, 1.5ml</p>	<p>No:7</p>  <p>Rotor Type: Angle Rotor Max Capacity: 30x1.5/2.2ml Max Speed: 13000r/min Max RCF: 19090xg Order NO: 0301812510 Adapter: 0.2ml, 0.5ml</p>
<p>No:8</p>  <p>Rotor Type: Angle Rotor Max Capacity: 48x1.5/2.2ml Max Speed: 13000r/min Max RCF: 18525xg Order NO: 0301812830 Adapter: 0.2ml, 0.5ml</p>	<p>No:9</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>No:10</p>  <p>Rotor Type: Angle Rotor Max Capacity: 24x1.5/2.2ml Max Speed: 16000r/min Max RCF: 24498xg Order NO: 0301891236 Adapter: 0.2ml, 0.5ml</p>	<p>No:11</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>No:14</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>

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:12</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 3345xg 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>		4x1x250ml 0304891142		4x2x100ml 0304891009
			4x4x50ml(conical/round) 0304891008		4x7x20ml 0304851485
			4x9x15ml(conical/round) 0304891083		4x11x15ml (conical) (Cap≤21.5mm) 0304891508
			4x14x10ml 0304891705		4x19x5/7ml Vaccum blood collection tube 0304851450
			4x36x1.5ml 0304891677		/
	 <p>Rectangular Bucket Order NO: 0303851421</p>  <p>Rectangular bucket with sealing cover Order NO: 0303891016</p>		4x1x250ml 0304891041		4x3x100ml 0304891744
			4x6x50ml(conical/round) 0304891014		4x12x15ml(conical/round) 0304891582 (conical) 0304891779 (round)
			4x20x10ml 0304891077		4x31x5/7ml Vaccum blood collection tube 0304891782
			4x56x1.5ml 0304891603		/
		Can be customized			

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:13</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 3500xg Max Capacity: 4x750ml 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>	<p>4x2x96 Deep-well plate 4x4x96 Microplate Plate height in total≤67mm</p>			