



H2100R

Benchtop Large Capacity High Speed Refrigerated Centrifuge

Model H2100R is an advanced technology centrifuge developed by Xiangyi/Cence and a famous university. It is the preferred product for molecular biology, cell culture and separation and clinical medicine.











Product advantages









- ◆ Microprocessor control, touch panel, LCD display.
- ◆ AC frequency-conversion motor, environmental friendly compressor unit.
- ◆ Automatic rotor identification system against over-speed.
- ◆ Save up to 99 user-defined programs.
- ◆ Multiple protection against imbalance, over-speed, over-temperature, and electronic door interlock for safe operation.
- ◆ Angle rotor 12x1.5ml max speed up to 21000rpm (30642xg), and large capacity rotor up to 4x750ml.
- ◆ 10 acceleration and 11 deceleration rates to achieve best centrifugal effect.

Technical parameter

Order NO	0202119000
Max Speed	21000r/min
Max RCF	30642xg
Max Capacity	4×750ml
Speed Accuracy	±10 r/min
Time Setting Range	1min~99h59min
Timing mode	Start timing, Speed timing, Continuous timing
Temperature Setting Range	-20 ~ 40°C
Temperature Accuracy	±1°C
Compressor Unit	Non-CFC unit(R404a)
Noise	≤65dB (A)
Power Supply	AC 220±22V 50Hz
Power Consumption	1.5kW
Dimension (WxDxH)	710×560×450(mm)
Packing Dimension (WxDxH)	1022×712×630(mm)
Net Weight	95kg

 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: 12x5ml Max Speed: 16500r/min Max RCF: 19175xg Order NO: 0301806110 Adapter: 0.5ml、1.5ml</p>
<p>No:3</p>  <p>Rotor Type: Angle Rotor Max Capacity: 12x10ml Max Speed: 15000r/min Max RCF: 23120xg Order NO: 0301805310 Adapter: 1.5ml、5ml</p>	<p>No:4</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x50ml (conical) 50ml round bottom adapter as gift Max Speed: 13000r/min Max RCF: 17940xg Order NO: 0301805930 Adapter: 15ml (conical)</p>
<p>No:4</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x50ml Max Speed: 13000r/min Max RCF: 17940xg Order NO: 0301805420 Adapter: 1.5ml、5ml、10ml、15ml、20ml、25ml、30ml</p>	<p>No:7</p>  <p>Rotor Type: Angle Rotor Max Capacity: 24x1.5/2.2ml Max Speed: 16500r/min Max RCF: 26050xg Order NO: 0301805520 Adapter: 0.2ml、0.5ml</p>
<p>No:8</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x85ml Max Speed: 12000r/min Max RCF: 15805xg Order NO: 0301891097 Adapter: 5ml、10ml、15ml (conical/round)、25ml、50ml (conical/round)</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、15ml (conical/round)、25ml、50ml (conical/round)</p>
<p>No:10</p>  <p>Rotor Type: Angle Rotor Max Capacity: 8x15ml (conical) Max Speed: 15000r/min Max RCF: 24036xg Order NO: 0301806220 Adapter: 5ml</p>	<p>No:11</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x30ml Max Speed: 15000r/min Max RCF: 20438xg Order NO: 0301891095 Adapter: 5ml、10ml</p>

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:6</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000r/min Max Speed: 3345xg Max Capacity: 4×500ml Order NO: 0302850110 (Bucket not included)</p>	 Round Bucket Order NO: 0303891022  Aerosol-tight round bucket Order NO: 0303891077		4x1x250ml 0304891142		4x2x100ml 0304891009
			4x4x50ml(conical/round) 0304891008		4x7x20ml 0304851485
			4x9x15ml(conical/round) 0304891083		4x11x15ml (conical) (Cap≤21.5mm) 0304891508
			4x14x10ml 0304891705		4x19x5/7m Vaccum blood collection tube 0304851450
			4x36x1.5ml 0304891677	/	
	 Rectangular Bucket Order NO: 0303851421  Rectangular bucket with sealing cover Order NO: 0303891016		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	/	
		 Microplate bucket Order NO: 0303891110	4x1x96 Deep-well plate		4x2x96 Microplate

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:5</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000 r/min Max Speed: 3500xg Max Capacity: 4x750ml Order NO: 0302891036 (Bucket not included)</p>	 <p>Round Bucket Order NO: 0303891025</p>  <p>Aerosol-tight round bucket Order NO: 0303891006</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
		Can be customized			