



H2050R-1 Large-Capacity High Speed Refrigerated Centrifuge

12 kinds of rotors are available for H2050R-1. Not only 4*750ml large capacity rotor, but also small rotor with high speed 20500rpm. It's a powerful and versatile universal centrifuges, which is widely used in radioimmunoassay, bio-pharmaceutical, medical inspection and scientific research in universities.



Product advantages











- ◆ 12 kinds rotors options, which can provide either high-speed or large-capacity centrifugal operation.
- ◆ Microprocessor control, AC brush-less motor, without carbon dust pollution and service life is long.
- ◆ Touch panel, LCD display, programmable.
- ◆ 9 Acceleration and 10 Deceleration rates (NO.0 is free parking), 3 levels damping, to achieve best centrifugal result.
- ◆ Over-speed, Over-temperature protection and door lid self-locked, stainless steel chamber for safe operation.
- ◆ The automatic rotor identification system against over-speed.
- ◆ The environmentally friendly refrigerant can keep the temperature below -4°C at max. speed.






Technical parameter

Order NO	0202118000
Max Speed	20500r/min
Max RCF	29200xg
Max Capacity	4x750ml
Speed Accuracy	$\pm 10\text{r/min}$
Time Setting Range	1min~99min59sec or Continuous Spinning
Temperature Setting Range	$-20^{\circ}\text{C}\sim 40^{\circ}\text{C}$
Temperature Accuracy	$\pm 1^{\circ}\text{C}$
Compressor Unit	Non-CFC unit (R404a)
Noise	$\leq 65\text{dB (A)}$
Power Supply	AC $220\pm 22\text{V}$ 50Hz
Power Consumption	1500W
Dimension (WxDxH)	550×650×840(mm)
Packing Dimension (WxDxH)	756×856×1320(mm)
Net Weight	110kg

 Rotor parameters

<p>No:1</p>  <p>Rotor Type: Angle Rotor Max Capacity: 12x1.5ml Max Speed: 20500r/min Max RCF: 29200xg 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:3</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x30ml Max Speed: 15000r/min Max RCF: 23120xg Order NO: 0301891095 Adapter: 5ml, 10ml</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: 50ml, 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>

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:6</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	/	
	 <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:5</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000 r/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
		Can be customized			
		 <p>Aerosol-tight round bucket Order NO: 0303891006</p>			