



H2050R

Benchtop Large-Capacity High Speed Refrigerated Centrifuge

12 kinds of rotors are available for H2050R. Not only 4x750ml large capacity rotor, but also small rotor with high speed 20500rpm. It's a powerful and versatile universal centrifuges for virtually every lab application.



Product advantages

- ◆ 12 kinds rotors to choose, Large capacity and High speed.
- ◆ 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 to stop), 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	0202123000
Max Speed	20500r/min
Max RCF	29200xg
Max Capacity	4x750ml
Speed Accuracy	$\pm 10\text{r/min}$
Time Setting Range	1min~99min59sec or 1min~99h59min
Temperature Setting Range	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Temperature Accuracy	$\pm 1^{\circ}\text{C}$
Compressor Unit	Non-CFC unit(R134a)
Noise	$\leq 65\text{dB (A)}$
Power Supply	AC 220 \pm 22V 50Hz
Power Consumption	1.5kW
Dimension (WxDxH)	560 \times 800 \times 440(mm)
Packing Dimension (WxDxH)	680 \times 1080 \times 580(mm)
Net Weight	95kg



Rotor parameters

No:1



Rotor Type: Angle Rotor
Max Capacity: 12x1.5ml
Max Speed: 20500r/min
Max RCF: 29200xg
Order NO: 0301805020
Adapter: 0.2ml, 0.5ml

No:2



Rotor Type: Angle Rotor
Max Capacity: 12x5ml
Max Speed: 16500r/min
Max RCF: 19175xg
Order NO: 0301806110
Adapter: 0.5ml, 1.5ml

No:3



Rotor Type: Angle Rotor
Max Capacity: 12x10ml
Max Speed: 15000r/min
Max RCF: 23120xg
Order NO: 0301805310
Adapter: 1.5ml, 5ml

No:3



Rotor Type: Angle Rotor
Max Capacity: 6x30ml
Max Speed: 15000r/min
Max RCF: 23120xg
Order NO: 0301891095
Adapter: 5ml, 10ml

No:4



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)

No:4



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

No:7



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

No:8



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)

No:9



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)

No:10



Rotor Type: Angle Rotor
Max Capacity: 8x15ml (conical)
Max Speed: 15000r/min
Max RCF: 24036xg
Order NO: 0301806220
Adapter: 5ml

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: 4x500ml Order NO: 0302850110 (Bucket not included)</p>	 Round Bucket Order NO: 0303891022		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	/	
	 Rectangular Bucket Order NO: 0303851421		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	4x1x96Deep-well plate		4x2x96Microplate	

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:5</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 3500xg Max Capacity: 4×750ml Order NO: 0302891036 (Bucket not included)</p>	 <p>Round Bucket Order NO: 0303891025</p>		4x1x500ml(conical/round) 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 bucket Order NO: 0303891006</p>			