



H2500R-2 Large Capacity High Speed Refrigerated Centrifuge

H2500R-2 high speed refrigerated centrifuge integrates many high-technologies of Cence/Xiangyi and new design elements. Enhanced ergonomics design and easy to operate. The breakthrough of high-speed operation technology makes the max speed up to 25000r/min with RCF at 64800xg. It is widely used in academic research, scientific research and bioengineering etc.













Product advantages

- ◆ Max speed up to 25000r/min, Max RCF up to 64800xg (with NO.1 Rotor). Choose from 13 optional rotors to find the ideal fit for your application.
- ◆ Automatic rotor identification, automatic over-speed protection for added safety.
- ◆ 7-inch touchscreen interface with bright, highly visible, and durable display simplifies run set-up. The setting parameters and running parameters can be displayed simultaneously.
- ◆ Automatic storage of main machine and rotor operating parameters, automatic calculation of rotor service life, and alarm.
- ◆ Directly driven by a high-torque variable frequency motor, with large starting torque and short acceleration time.
- ◆ Equipped with multiple protection against imbalance, over-temperature, over-speed, to ensure user's safety as well as instrument.
- ◆ Data records: Data traceability management, running history records, diagnosis records can be checked on the screen or exported by USB port and saved to the relevant storage device, which can ensure the data integrity.
- ◆ Super powerful control system, offering step centrifugation, scheduled start, sample ID, curve mode, program mode, multi-language selection and other functions.
- ◆ All aluminum alloy rotors are forged with 7075-T6 aviation grade aluminum alloy, the surface is hard oxidation, with thick oxide layer and strong corrosion resistance.


Technical parameter
















Order NO	0202124000			
Max Speed	Angle Rotor	25000r/min	Swing Rotor	4000r/min
Max RCF	Angle Rotor	64800xg	Swing Rotor	3500xg
Max Capacity	Angle Rotor	4x1000ml	Swing Rotor	4x750ml
Speed Accuracy	±10r/min			
Time Setting Range	1 min~99h59min			
Timing mode	Start Timing after Spinning, Start Timing after Reach Setting Speed, Continuous Timing, Operation at an appointed Time			
Temperature Setting Range	-20 ~ 40°C (1°C adjustable)			
Pre-cooling function	Yes			
Temperature Accuracy	±1°C			
Steps Centrifugation	Yes(100 programs, each programs with 5 steps, More programs can be saved by adding external memory card)			
Compressor Unit	Environment-friendly refrigerant (R404a)			
Noise	≤ 65dB (A)			
Power Supply	AC220±22V 50Hz			
Power Consumption	5kW			
Dimension (WxDxH)	730x930x960(mm)			
Packing Dimension (WxDxH)	880x1120x1180(mm)			
Net Weight	260kg			

 Rotor parameters

<p>No:1</p>  <p>Rotor Type: Angle Rotor Max Capacity: 24x1.5ml Max Speed: 25000r/min Max RCF: 64800xg Order NO: 0301801400 Adapter: 0.2ml、0.5ml</p>	<p>No:2</p>  <p>Rotor Type: Angle Rotor Max Capacity: 18x10ml Max Speed: 23000r/min Max RCF: 60460xg Order NO: 0301801500 Adapter: 1.5ml、5ml、7ml</p>
<p>No:3</p>  <p>Rotor Type: Angle Rotor (Titanium Alloy) Max Capacity: 8x50ml Max Speed: 21000r/min Max RCF: 52356xg Order NO: 0301800910 Adapter: 1.5ml、5ml、10ml、15ml、20ml、25ml、30ml</p>	<p>No:3</p>  <p>Rotor Type: Angle Rotor Max Capacity: 8x50ml Max Speed: 21000r/min Max RCF: 52356xg Order NO: 0301800820 Adapter: 1.5ml、5ml、10ml、15ml、20ml、25ml、30ml</p>
<p>No:3</p>  <p>Rotor Type: Angle Rotor (Carbon Fibre) Max Capacity: 8x50ml Max Speed: 21000r/min Max RCF: 52356xg Order NO: 0301802400 Adapter: 1.5ml、5ml、10ml、15ml、20ml、25ml、30ml</p>	<p>No:4</p>  <p>Rotor Type: Angle Rotor Max Capacity: 4x250ml Max Speed: 15000r/min Max RCF: 33800xg Order NO: 0301801100 Adapter: 1.5ml、10ml、15ml (conical) 、50ml (conical/round) 、100ml</p>
<p>No:5</p>  <p>Rotor Type: Angle Rotor (Carbon Fibre) Max Capacity: 6x250ml Max Speed: 14000r/min Max RCF: 30070xg Order NO: 0301802300 Adapter: 1.5ml、10ml、15ml (conical) 、50ml (conical/round) 、100ml</p>	<p>No:5</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x250ml Max Speed: 14000r/min Max RCF: 30070xg Order NO: 0301801200 Adapter: 1.5ml、10ml、15ml (conical) 、50ml (conical/round) 、100ml</p>
<p>No:6</p>  <p>Rotor Type: Angle Rotor Max Capacity: 6x500ml Max Speed: 10000r/min Max RCF: 17700xg Order NO: 0301801300 Adapter: 1.5ml、5ml、10ml、15ml (conical) 、30ml、50ml (conical/round) 、100ml、250ml</p>	<p>No:6</p>  <p>Rotor Type: Angle Rotor (Carbon Fibre) Max Capacity: 6x500ml Max Speed: 10000r/min Max RCF: 17700xg Order NO: 0301802600 Adapter: 1.5ml、5ml、10ml、15ml (conical) 、30ml、50ml (conical/round) 、100ml、250ml</p>
<p>No:7</p>  <p>Rotor Type: Angle Rotor Max Capacity: 4x1000ml Max Speed: 8000r/min Max RCF: 12040xg Order NO: 0301801600 Adapter: 50ml (conical/round) 、250ml、500ml</p>	<p>No:8</p>  <p>Rotor Type: Angle Rotor Max Capacity: 30x1.5ml Max Speed: 22000r/min Max RCF: 54706xg Order NO: 0301812500 Adapter: 0.2ml、0.5ml</p>

<p>No:9</p>  <p>Rotor Type: Angle Rotor Max Capacity: 12×15ml(conical) Max Speed: 18000r/min Max RCF: 36220xg Order NO: 0301812600 Adapter: 5ml</p>	<p>No:11</p>  <p>Rotor Type: Angle Rotor Max Capacity: 12×50ml(conical) Max Speed: 14000r/min Max RCF: 30070xg Order NO: 0301801700 Adapter: 15ml (conical)</p>
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<p>No:10</p>  <p>Rotor Type: Swing Rotor Max Capacity: 6×50ml with windshield Max Speed: 10000r/min Max RCF: 15680xg Order NO: 0302851700</p>	<p>/</p>
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Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:12</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000 r/min Max RCF: 3500xg Max Capacity: 4x750ml Order NO: 0302891022 (Bucket not included)</p>	 Bucket Order NO: 0303891025  Aerosol-tight bucket Order NO: 0303891006		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

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: 3345xg Max Capacity: 4×500ml Order NO: 0302850100 (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>		4x1x96Deep-well plate	4x2x96Microplate		