

20 L800R-2 Large Capacity Refrigerated Centrifuge

L800R-2 is a newly-developed smart centrifuge reaching world advanced technology level. The swing rotor capacity (6x1500ml) matched with the unique cence test bottle (1500ml) can greatly improve the productivity for bio-pharmaceutical, chemical products etc. If equipped with specialized blood adapters (6x50ml,12x300/200ml), it can provide complete package for blood separation in the blood banks.



Features

✧ **Super safety performance**

L800R-2 Large Capacity Refrigerated Centrifuge is developed and designed for the customers in the field of blood banks, biologics, chemical reagent etc to greatly improve centrifuging productivity.

It accommodates multiple protective functions against imbalance, over-speed, over temperature, motor over-heat operation or improper operation of door lid etc to ensure safety for the sample, centrifuge and operator

✧ **Large capacity & High efficiency**

Blood bank: multiple blood bag cups are available for flexible sample process, 6x550ml/12x450ml/12x300ml triple blood bags are available for your current and future needs of sample process. 15ml, 50ml as well as vacuum blood collecting tube adapters etc are available for free choice.

Pharmaceutical and chemical products: 6x1500 test bottle(Adapter is customized),6x1000ml angle rotor (equipped with 500ml adapter) meet diversified and mass samples test solution package.

✧ **Outstanding functions of temperature control offer not only safe protection of samples but also energy-saving effect**

Pre-cooling up to -20°C at the temperature control range -20°C~40°C.

Temperature can be maintained less than 4°C even at the max.speed .

Unique dynamic control function offers energy-saving over 40% .


Environment-friendly compressor ensures reliability and extend service life.

✧ **Whisper quiet operation offers comfortable lab environment**


It is designed for low noise emission, small footprint and little heat despatch,

creating comfort and convenience of lab working condition. Modest height of the centrifuge offers easy sample access.


***High sensitivity touch panel & super control system**

	<p>HD and bright touch panel can be operated with your gloved hand: Simplify laboratory-set and test operation. Setting parameters (speed, time, temperature) and actual running parameters can be displayed on the screen simultaneously with easy readout.</p>
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***Curve running display mode**

	<p>Easy readout of speed, temperature etc. through curve display mode at a glance, showing the stability status of operation.</p>
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*** Program setting**

	<p>It is of vital importance to conduct test through programs which can reproduce user experimental package by calling out the program number. Five centrifugal stages can be set to satisfy your demand for diversified experiments. One button to start your perfect experimental package (100 programs are built-in and each program is divided into 5 steps, and more programs can be set with external memory)</p>
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*** Access control**

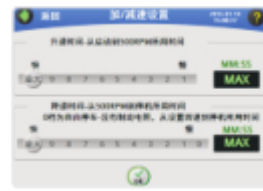
	<p>Different users are assigned with different access authorities and passwords to enhance access control of operators. Chinese and English interfaces are available for free choice.</p>
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*** Significant System Control Tools**


	<p>Different operation options are built in for different applications, E.g Curve running mode interface can be switched to main interface through touching the button of operation mode, and user login button to determine if login is needed for certain operation.</p>
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*** Data information**

	<p>Data trace management: You can view historic running record, fault record, etc on the screen and conduct storage through USB to the other relevant device.</p>
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	<p>* 9 Acceleration curves (profiles) and 10 deceleration curves are provided to effectively prevent secondary suspension, achieving ideal centrifuging result, which can be customer-designed for more applications.</p>
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	<p>* Manual input sample number or automatic scanning to check the centrifuging record of each sample.</p>
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	<p>* Start timing after reaching the set speed, start-run timing, infinity timing operation, operation at an appointed time etc are optional.</p>
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	<p>Cence Powerful Software Technology can identify rotor's actual operation times, service life, and accumulated running time to determine if the rotor exceeds the scope of use for further guarantee the safe operation(System functions can be customized according to requirements).</p>
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Technical Parameters



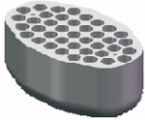
Model		L800R-2
Order No.		0204130000
Max. speed	Angle	8000rpm
	Swing	4200rpm
Max. RCF	Angle	11875xg
	Swing	5100xg
Max. capacity	Angle	6x1000ml
	Swing	6x1500ml
Speed Accuracy	±10rpm	
Speed range	100rpm~max. speed, progressive step100(it can be customized,multiples of 10)	
Time Range	1min to 99h 99min	
Mode of timing	Timing after start-up, timing when reaching the max speed, Instantaneous & continuous timing, start-up at the specified time	
Acceleration/deceleration profile	9 acceleration rates,10 deceleration rates(<30 rates can be customized)	
Temp Rang	-20°C~40°C(1°C adjustable)	
Precooling	Available(up to -20°C)	
Temp accuracy	±1°C	
Step centrifugation	Available (100 programs,each program can be divided into 5 steps.More programs can be set through external memory)	
Compressor set	Environment-friendly Compressor set with R404a	
Drive system	Brushless motor with high torque	
Noise	<65dB(A)	
Power supply	AC220V +/-22V,50Hz 25A	
Power consumption	5.5Kw	
Dimensions(WxDxH)	730x930x960(mm)	
Packing size(WxDxH)	920x1040x1560(mm)	
Weight	260Kg	
Key parts material	316 centrifuge chamber, PPCO test bottle, Aluminum alloy rotor.	
Others	Multiple languages are available for free choice, user log, maintenance records, access password, automatic door lid control, rotor recognition, over-temperature protection	

Rotor optional

Rotors	Adapter	Capacity	Slots	Diameter (mm)	Depth mm	Order No
 Swing Rotor Order No 0301801900 Speed: 8000rpm RCF: 6680xg Capacity: 6x500ml Diameter: Φ70mm Depth: 141.5mm		250ml	6	Φ62	113	0304891066
		100ml	6	Φ38.5	109	0304891067
		50ml (Conical)	12	Φ29.5	102	0304891088
		50ml	6	Φ29.5	103	0304891069
		50ml (Conical)	6	Φ29.5	102	0304891071
		30ml	18	Φ29.5	98	0304891089
		15ml (Conical)	42	Φ17	104	0304891072
		10ml	42	Φ17	78	0304891073
		5ml	60	Φ14	49	0304891076
		1.5ml	78	Φ11.2	38	03048000709

	Capacity: 6x1000/ml Speed: 7000rpm RCF: 11500xg		Diameter: Φ99mm Depth: 142.5mm Order No. 0301891092	
	Adapter			
Capacity	50ml	50ml conical	250ml	500ml
Place	24	24	6	6
Diameter	Φ29.5mm	Φ39.5mm	Φ62mm	Φ70mm
Depth	88mm	88mm	130mm	137mm
Order No.	0304891105	0304891102	0304891099	0304891097

<p>No.3</p>  <p>Order No. 0302857900</p> <p>Max.Speed: 4200rpm</p> <p>Max.RCF: 5100xg</p> <p>Capacity: 6x1500ml</p> <p>Diameter: Φ99mm</p> <p>Depth: 142.5mm</p>	 <p>Order No. 0303891020</p> <p>Max. Capacity: 6x1500ml</p>	<p>Blood bag cup</p>  <p>Order No.0304080404</p> <p>Capacity: 8x550ml blood bag 8x2x450ml triple blood bag</p>	<p>Blood bag cup</p>  <p>Order No.0304080405</p> <p>Capacity: 8x2x450ml Cord blood bag</p>
		 <p>Adapter</p>	 <p>Adapter</p>
		<p>Order No. 0304891153</p> <p>Max.capacity: 6x8x15ml</p> <p>Diameter: Φ29.5mm</p> <p>Depth: 67mm</p>	<p>Order No. 0304891157</p> <p>Max.capacity: 6x8x15ml conical</p> <p>Diameter: Φ17mm</p> <p>Depth: 89mm</p>

		 <p>Adapter Order No. 0304891151 Max.capacity: 6x21x15ml Diameter: Φ17mm Depth: 82mm</p>	 <p>Adapter Order No. 0304891155 Max.capacity: 6x21x15ml Diameter: Φ17mm Depth: 89mm</p>
		 <p>Adapter Order No. 0304891160 Max.capacity: 6x44x5ml (vacuum blood tube) Diameter: Φ14mm Depth: 66mm</p>	<p>The adapters can be customized.</p>