

cence® 湘仪®

Centrifuge Manufacturer Over 50 Years

Large Capacity Centrifuge

Biologics Chemicals Blood Bank Pharmaceutical laboratories



Large capacity centrifuge refers to a centrifuge with a maximum capacity more than 3000ml. It is widely used in biological products, biopharmaceuticals, blood bank and other fields. Among them, CL8R large capacity refrigerated centrifuge is a intelligent centrifuge which is jointly developed by Xiangyi/Cence, national key university and international well-known centrifuge manufacturer, representing the world advanced level. Improve productivity with Cence new developed carbon fiber rotors, an advanced alternative to traditional metal rotors, offering unequalled durability with fatigue-and corrosion-resistance for worry-free operation spin after spin.

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CL8R Super-Large Capacity Low Speed Refrigerated Centrifuge

CL8R super-large capacity refrigerated centrifuge , a new and smart centrifuge, which is jointly developed by the well-known centrifuge manufacturer and national key university, It has passed the MCA test and rotor service life test by authority agency in the United States. Max capacity up to 8x2200ml, it is the preferred product in the fields of blood bank, pharmacy and biological products.

Carbon Fiber Rotor

The carbon fiber rotor, passed 100,000 times life service test in 2017, features light weight , chemical corrosion resistance, high mechanical strength, long service life , large capacity as well as high speed (Max speed 9000rpm with 6x1000ml angle rotor), providing high efficient and perfect product for bio-pharmacy, biological products, chemical industry etc.



Product advantages

◆**Automatic door locking system (optional)**

The centrifuge door can be opened or closed by a single soft touch of a button. Door lid come with intelligent anti pinch device.

◆**Automatic suction device of centrifuging windshield (optional)**

The windshield is sucked to the door lid when opened without labor intervention prevent it from falling down.

◆**Safe Structure**

The overall unit has passed MCA ((Maximum Credible Accident test),

After MCA is generated, the centrifuge door lid shall not be opened, and no solid greater than 0.5mm shall blown out of the centrifuge chamber, the position movement shall not exceed 30cm, ensure the personal safety of instrument operator to the greatest extent. (MCA test video can be provided)

◆**Reliable Material**

Centrifuge chamber adopt 2mm thick 316L stainless steel , Housing (3mm Q235 steel) , Containment (22mm Q235 steel), Diaphragm in door lid (2.5mm Q235 steel)

◆**Energy saving**

Dynamic compressor control (DCC) technology for optimized cooling performance. When the door lid is opened, the compressor is closed or the sleep time can be set to save energy. Rotor with windshield, little friction and generates little heat.

◆**Super-large Capacity**

It can process sample with the capacity of 8x2200ml,6x2400ml, separating max 17.6L sample in one cycle, which greatly improves the production efficiency.

◆**Built-in safety**

Featuring multiple protection , Such as automatic rotor identification, imbalance protection, over-speed protection, over-temperature protection, motor overheating protection, door lid protection and so on.

◆**Extensible**

The system adopts unified and standard Ethernet communication interface and provides key parameter point table , to facilitate system expansion and bring data into system monitoring.

◆**Programmable**

Save up to 3000 user-defined program. Users can name each program to distinguish it. Each program can be divided into 5 steps (set speed, time, temperature), to meet the diversified experimental needs.

◆**ACC/DEC Rates**

Featuring 10 acceleration and 11 deceleration rates, to prevent the sample from second emulsion or turbid, and achieve best centrifuging result.

◆**Main interface function**

In manual mode, the centrifuge parameters can be set quickly, and the G-force and speed can be switched by soft touch the key. For the online monitoring of temperature and speed, the stability of temperature and speed during spinning can be viewed through the curve.

◆**Powerful System Setting Function**

Running data , error code record and operation record can be stored through the system setting. Chinese / English operation language optional. And user authority management and other characteristic functions can be managed as well.












◆**Centrifuge Management System(Optional)**

It can monitor 1 to 100 centrifuges through intelligent terminal (computer), monitor the operation status of centrifuges, and save relevant records of centrifuge operation, Establish a safe connection with the centrifuge and remotely control the startup and stopping of the centrifuge.

 **Technical parameter**

Order NO	0204258000			
Max Speed	Angle Rotor	9000r/min	Swing Rotor	4500r/min
Max RCF	Angle Rotor	18610xg	Swing Rotor	6756xg
Max Capacity	Angle Rotor	6x1000ml	Swing Rotor	8x2200ml
Time Setting Range	two mode 1min-99h59min ,1s-99min59s optional, default mode 1min-99h59min			
Timing mode	Start Timing after Spinning, Start Timing after Reach Setting Speed, Continuous Timing, Operation at an appointed Time			
Temperature Setting Range	-20°C~40°C, Setp 1°C ajustable, The fast pre-cooling temerature can reach -20°C			
Sample Temperature Accuracy	Ensure sample (liquid) temperature accuracy controlled to ±1°C			
Temperature Accuracy	±2°C			
Speed Accuracy	±10r/min			
Power Supply	AC220±22V 50Hz			
Power Consumption	7.5kW			
Noise	≤70dB (A)			
Rotor Identification	Yes			
Imbalance Protection	Yes			
Pre-cooling function	Yes			
Computer Control	RS485 or RS232			
Protection Function	Imbalance Protection,Rotor-identification,Door Lid Anti Pinch Protection,Motor Overheating Protection,Over-Speed Protection,Over-temperature Protection			
Dimension (WxDxH)	875×996×1000 (mm)			
Packing Dimension (WxDxH)	1080×1310×1340 (mm)			
Net Weigh	575kg			

 Rotor parameters

<p>No:1</p>  <p>Rotor Type: Angle rotor Max Speed: 8000r/min Max RCF: 14472xg Max Capacity: 6x1000ml Order NO: 0301080100 Adapter: 24x50ml (conical/round) 、 6x250/500ml</p>	<p>No:5</p>  <p>Rotor Type: Angle rotor (Carbon Fibre) Max Speed: 9000r/min Max RCF: 18610xg Max Capacity: 6x1000ml Order NO: 0301080120 Adapter: 24x50ml (conical/round) 、 6x250/500ml</p>		
<p>No:2</p>  <p>Rotor Type: Swing Rotor Max Speed: 4500r/min Max RCF: 6756xg Max Capacity: 6x2400ml Order NO: 0302080200 (rotor, bucket and windshield included)</p>	 <p>Rectangular Bucket Max RCF: 6756xg Max Capacity: 6x2400ml Order NO: 0303891024</p>	 <p>Bottle Max Capacity: 6x2400ml Order NO: 0305536210</p>	<p>Can be customized</p>
<p>No:3</p>  <p>Rotor Type: Swing Rotor Max Speed: 4500r/min Max RCF: 6315xg Max Capacity: 6x2x1000ml Order NO: 0302080300 (rotor, bucket and windshield included)</p>	 <p>Bucket Max RCF: 6315xg Max Capacity: 6x2x1000ml Order NO: 0303891019</p>	 <p>Bottle Max Capacity: 6x2x1000ml Order NO: 0305536160</p>	<p>Can be customized</p>
<p>No:4</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 5606xg Max Capacity: 8x2200ml Order NO: 0302891098 (rotor, bucket and windshield included)</p>	 <p>Rectangular Bucket Max Speed: 4000r/min Max RCF: 5606xg Max Capacity: 8x2200ml Order NO: 0303080506</p>	 <p>Bottle Max Capacity: 8x2200ml Order NO: 0305891059</p>	<p>Can be customized</p>



L720R-3 Large Capacity Low Speed Refrigerated Centrifuge

L720R-3 is a large capacity low-speed refrigerated centrifuge with advance technology and reliable performance. It's popular by users for many years. 7-inch HD touch screen and user-friendly UI. Max capacity 6x2400ml, it's the first choice in the fields of blood banks, pharmacy and biological products.

Product advantages

◆Large capacity

Up to 6x2400ml capacity, it can separating 14.4L sample in one cycle, which greatly improves the production efficiency.

◆Safe Structure

The overall unit has passed MCA , (Maximum Credible Accident test)After MCA is generated, the centrifuge door lid shall not be opened, and no solid greater than 0.5mm shall blown out of the centrifuge chamber, the position movement shall not exceed 30cm, ensure the personal safety of instrument operator to the greatest extent. (MCA test video can be provided)

◆Reliable Material

Centrifuge chamber adopt 2mm thick 316L stainless steel , Housing (3mm Q235 steel) , Containment (22mm Q235 steel) , Diaphragm in door lid (2.5mm Q235 steel)

◆Energy saving

Dynamic compressor control (DCC) technology for optimized cooling performance. When the door lid is opened, the compressor is closed or the sleep time can be set to save energy. Rotor with windshield, little friction and generates little heat.

◆Built-in safety

Featuring multiple protection , Such as automatic rotor identification, imbalance protection, over-speed protection, over-temperature protection, motor overheating protection, door lid protection and so on.

◆Extensible

The system adopts unified and standard Ethernet communication interface and provides key parameter point table , to facilitate system expansion and bring data into system monitoring.

◆Programmable

Save up to 2000 user-defined program. Users can name each program to distinguish it. Each program can be divided into 5 steps (set speed, time, temperature), to meet the diversified experimental needs.

◆ACC/DEC Rates

Featuring 10 acceleration and 11 deceleration rates, to prevent the sample from second emulsion or turbid, and achieve best centrifugal effect.

◆Main interface function

In manual mode, the centrifuge parameters can be set quickly, and the G-force and speed can be switched by just touch the key. For the online monitoring of temperature and speed, the stability of temperature and speed during spinning can be viewed through the curve.

◆Powerful System Setting Function

Running data , error code record and operation record can be stored through the system setting. Chinese / English operation language optional. And user authority management and other characteristic functions can be managed as well.

Technical parameter

Order NO				
Max Speed	Angle Rotor	7200r/min	Swing Rotor	4000r/min
Max RCF	Angle Rotor	12166xg	Swing Rotor	5600xg
Max Capacity	Angle Rotor	6x1000ml	Swing Rotor	6x2400ml
Time Setting Range	two mode 1min-99h59min ,1s-99min59s optional, default mode 1min-99h59min			
Timing mode	Start Timing after Spinning, Start Timing after Reach Setting Speed, Continuous Timing, Operation at an appointed Time			
Temperature Setting Range	-20°C~40°C, Setp 1°C ajustable, The fast pre-cooling temperature can reach -20°C			
Sample Temperature Accuracy	Ensure sample (liquid) temperature accuracy controlled to ±1°C			
Temperature Accuracy	±2°C			
Speed Accuracy	±10r/min			
Power Supply	AC220±22V 50Hz			
Power Consumption	7.0kW			
Noise	≤65dB (A)			
Rotor Identification	Yes			
Imbalance Protection	Yes			
Pre-cooling function	Yes			
Computer Control	RS485 or RS232			
Protection Function	Imbalance Protection,Rotor-identification,Door Lid Anti Pinch Protection,Motor Overheating Protection,Over-Speed Protection,Over-temperature Protection			
Dimension (WxDxH)	875×1020×970 (mm)			
Packing Dimension (WxDxH)	1080×1310×1340 (mm)			
Net Weight	545kg			

Rotor parameters

<p>No:1</p>  <p>Rotor Type: Angle rotor Max Speed: 7200r/min Max RCF: 12166xg Max Capacity: 6x1000ml Order NO: 0301080100 Adapter: 24×50ml(conical/round), 6x250ml, 6x500ml</p>	<p>Can be customized</p>	
<p>No:2</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 5600xg Max Capacity: 6×2400ml Order NO: 0302080200 (rotor, bucket and windshield included)</p>	 <p>Rectangular Bucket Max RCF: 5600xg Max Capacity: 6×2400ml Order NO: 0303891024</p>	 <p>Bottle Max Capacity: 6×2400ml Order NO: 0305536210</p>
<p>No:3</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 5000xg Max Capacity: 6×2×1000ml Order NO: 0302080300 (rotor, bucket and windshield included)</p>	 <p>Bucket Max RCF: 5000xg Max Capacity: 6×2×1000ml Order NO: 0303891019</p>	 <p>Bottle Max Capacity: 6×2×1000ml Order NO: 0305536160 Can be customized</p>



VORTEX 10K Large Capacity High Speed Refrigerated Centrifuge

VORTEX 10K is an intelligent centrifuge developed by Cence/Xiangyi. It can monitor 1 to 100 centrifuges through intelligent terminal (computer), monitor the operation status of centrifuges, and save relevant records of centrifuge operation. Establish a safe connection with the centrifuge and remotely control the startup and stopping of the centrifuge. It meets the requirements for the integrity of operation information of biopharmaceutical GMP instruments. Come with standard network interface, user can control the centrifuge by Mobile APP.

Product advantages

◆ Automatic door locking system

Automatic door opening & closing by just touch the key on the screen. Door lid come with intelligent anti pinch device.

◆ Large Capacity , High Speed

Max sample processing capacity up to 6x1000ml, Max speed up to 10000r/min. Max RCF up to 17700xg, which greatly improves the production efficiency and separation effect.

◆ Built-in safety

Featuring multiple protection, Such as automatic rotor identification, imbalance protection, over-speed protection, over-temperature protection, motor overheating protection, door lid protection and so on.

◆ Reliable Material

The alloy aluminum rotor adopt 7075-T6 aviation grade alloy aluminum, hard oxidation, corrosion resistance. From raw material to finished products, each process is strictly controlled. The flaw detection report, tensile test report, chemical composition test report and processing test report can be provided. Centrifuge chamber adopt 2mm thick 316L stainless steel, Housing (3mm Q235 steel), Containment (15mm Q235 steel), Diaphragm in door lid (3mm Q235 steel)

◆ Extensible

The system adopts unified and standard Ethernet communication interface and provides key parameter point table, to facilitate system expansion and bring data into system monitoring.

◆ Programmable

Save up to 100 user-defined program. Users can name each program to distinguish it. Each program can be divided into 5 steps (set speed, time, temperature), to meet the diversified experimental needs.

◆ ACC/DEC Rates

11 acceleration and 12 deceleration rate (NO.10 rate can be self-defined), to prevent second emulsion or turbid, to achieve best centrifugation result.

◆ Main interface function

In manual mode, the centrifuge parameters can be set quickly, and the G-force and speed can be switched by just touch the key.

◆ Powerful System Setting Function

Powerful control system allows easy data capture, storage, and processing.

◆ Centrifuge Management System(Optional)

It can monitor 1 to 100 centrifuges through intelligent terminal (computer); Provide real-time connection with centrifuge with mobile APP; Built in help information in each interface; Make the centrifuge intelligent.

Technical parameter

Order NO	0202253001
Max Speed	10000r/min
Max RCF	17700xg
Max Capacity	6×1000ml
Time Setting Range	two mode 1min-99h59min, 1s-99min59s optional, default mode 1min-99h59min
Timing mode	Start Timing after Spinning, Start Timing after Reach Setting Speed, Continuous Timing, Operation at an appointed Time
Temperature Setting Range	-20°C~40°C, Setp 1°C ajustable
Temperature Accuracy	±2°C
Speed Accuracy	±10r/min
Power Supply	AC220±22V, 50Hz
Power Consumption	6.5kW
Noise	≤65dB (A)
Rotor Identification	Yes
Imbalance Protection	Yes
Pre-cooling function	Yes
Computer Control	RS485 or RS232
Protection Function	Imbalance Protection, Rotor-identification, Door Lid Anti Pinch Protection, Motor Overheating Protection, Over-Speed Protection, Over-temperature Protection
Dimension (WxDxH)	700×900×940 (mm)
Packing Dimension (WxDxH)	920×1040×1200 (mm)
Net Weight	355kg

Rotor parameters

No:1



Rotor Type: Angle rotor
 Max Capacity: 6x500ml
 Max Speed: 10000r/min
 Max RCF: 17700xg
 Order NO: 0301802000
 Adapter: 78x1.5ml, 60x5ml, 42x10ml,
 42x15ml (conical) 、18x30ml,
 12x50ml (conical/round) 、6x100ml, 6x250ml

No:2



Rotor Type: Angle rotor (Carbon Fibre)
 Max Capacity: 6x500ml
 Max Speed: 10000r/min
 Max RCF: 17700xg
 Order NO: 0301891260
 Adapter: 78x1.5ml, 60x5ml, 42x10ml,
 42x15ml (conical) 、18x30ml,
 12x50ml (conical/round) 、6x100ml, 6x250ml

No:3



Rotor Type: Angle rotor
 Max Capacity: 6x1000ml
 Max Speed: 8000r/min
 Max RCF: 14472xg
 Order NO: 0301891091
 Adapter: 24x50ml (conical/round) 、6x250ml,
 6x500ml

No:5



Rotor Type: Angle rotor (Carbon Fibre)
 Max Capacity: 6×1000ml
 Max Speed: 8500r/min
 Max RCF: 16604xg
 Order NO: 0301080120
 Adapter: 24×50ml (conical/round) 、6×250ml,
 6x500ml



GL-10MD Large Capacity Refrigerated Centrifuge

GL-10MD is specially designed for users who require both high capacity and high speed. It is widely used in bioengineering, genetic engineering, biopharmacy and other fields.

Product advantages


- ◆Max Speed up to 10000r/min, Max RCF up to 18300xg.
- ◆Many adapters are available for 4x1000ml swing rotor.
- ◆Microprocessor control, AC brush-less motor, without carbon dust pollution, low noise, less vibration and service life is long.
- ◆Touch panel, LED display, programmable. It can store many routine programs.
- ◆Providing multiple protection against imbalance, over-temperature and over-speed, and door interlock for safe operation.
- ◆The imported refrigerant is environmental and efficient.
- ◆Acc and Dec time can be set freely by users, and RCF value will be calculated automatically.
- ◆The rotor and bucket adopt 7075-T6 aviation grade aluminum alloy, which is hard anodized and corrosion-resistant. Each process from raw materials, processing to finished products is strictly controlled; the material certificate, flaw detection report, tensile test report, chemical composition inspection report have original records.
















Technical parameter

Order NO	0202115000
Max Speed	10000r/min
Max RCF	18300xg
Max Capacity	6×1000ml
Speed Accuracy	±10r/min
Time Setting Range	1min ~ 23h59min
Temperature Setting Range	-20 ~ 40°C
Temperature Accuracy	±2°C
Compressor Unit	Non-CFC unit(R404a)
Noise	≤65dB(A)
Power Supply	AC 220±22V 50Hz
Power Consumption	5.5kW
Dimension (WxDxH)	710x820x1200 (mm)
Packing Dimension (WxDxH)	920x1040x1520 (mm)
Net Weight	310kg

 Rotor parameters

<p>No:1</p>  <p>Rotor Type: Angle rotor Max Capacity: 6x250ml Max Speed: 10000r/min Max RCF: 18300xg Order NO: 0301802200 Adapter: 54x1.5ml, 30x10ml, 30x15ml (conical) 、 6x50ml (conical/round) 、 6x100ml</p>	<p>No:3</p>  <p>Rotor Type: Angle rotor Max Capacity: 6x1000ml Max Speed: 7000r/min Max RCF: 11500xg Order NO: 0301891091 Adapter: 24x50ml (conical/round) 、 6x250ml、 6x500ml</p>
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<p>No:2</p>  <p>Rotor Type: Angle rotor Max Capacity: 6x500m Max Speed: 8000r/min Max RCF: 11620xg Order NO: 0301802000 Adapter: 78x1.5ml、 60x5ml、 42x10ml、 42x15ml (conical) 、 18x30ml、 12x50ml (conical/round) 、 6x100ml、 6x250ml</p>

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:4</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 4050xg Max Capacity: 4x1000ml Order NO: 0302850700 (Bucket not included)</p>	 <p>Bucket Max Capacity: 4x1000ml Order NO: 0303891027</p>		<p>4x1x500ml(conical/round) 0304891533 (conical) 0304891040 (round)</p>		<p>4x1x300ml 0304891048</p>
			<p>4x1x250ml (conical) 0304891049</p>		<p>4x1x200ml Blood bag 0304850527</p>
			<p>4x3x100ml 0304891042</p>		<p>4x5x50ml(conical/round) 0304891043 (conical) 0304891044 (round)</p>
			<p>4x14x15ml(conical/round) 0304891045 (conical) 0304891047 (round)</p>		<p>4x37x7ml 0304850522</p>
			<p>4x24x5ml 0304850525</p>		<p>4x28x1.5ml 0304850526</p>
	 <p>Rectangular Bucket Max Capacity: 4x1000ml Order NO: 0303857106</p>		<p>4x1x1000ml Blood bag adaptor 0304850602</p>		<p>/</p>
	 <p>Microplate Order NO: 0303891127</p>		<p>4x1x96 Deep-well plate Deep-well plate Height < 72mm</p>		<p>4x2x96 Microplate</p>



L800R-2 Large Capacity Low Speed Refrigerated Centrifuge

Centrifuge L800R-2 is a new developed intelligent centrifuge with international advanced technology. Swing rotor 6x1500ml compatible with Cence/Xiangyi unique 1500ml bottle, to improve the production efficiency of biopharmaceutical and chemical products.

Product advantages

◆Powerful Safety Performance

Centrifuge chamber adopt 316L stainless steel, PPCO material centrifuge bottle and blood bag adapter which can be autoclaved. the sturdy rotor, bucket constructed of high-strength alloy aluminum. Centrifuge come with the function of non-contact imbalance protection, automatic rotor identification, over-speed, over-temperature, motor over-heating and door lid protection, so as to provide safe guard for sample, centrifuge as well as the operator.

ISO9001, ISO13485 quality system runs effectively to guarantee the quality and consistency of the product.

◆Sturdy Rotor

All sturdy rotors adopt 7075-T6 series aluminum ,hard oxidation, corrosion resistance.

◆Excellent Temperature Control System for Sample Protection and Energy-saving.

Through multiple data simulation and integral calculation, ensure that the temperature change of the sample does not exceed 2°C. Dynamic compressor control (DCC) technology for optimized cooling performance. The compressor will stop running after the centrifuge door lid is opened, reduces 40% energy consumption compared with similar products, and extend compressor service life .

◆Quiet Operation to Benefit Your Environment

Make your lab environment a better place to work with L800R-2 refrigerated centrifuge that are quiet, user-friendly, little heat dissipation and relatively compact, and you can operate comfortably with ergonomic machine height.

◆Extensible

The system adopts unified and standard Ethernet communication interface and provides key parameter point table, to facilitate system expansion and bring data into system monitoring.

◆Centrifuge Management System(Optional)

It can monitor 1 to 100 centrifuges through intelligent terminal (computer), monitor the operation status of centrifuges, and save relevant records of centrifuge operation, Establish a safe connection with the centrifuge and remotely control the startup and stopping of the centrifuge.

◆Programmable

Save up to 1000 user-defined program. Users can name each program to distinguish it. Each program can be divided into 5 steps (set speed, time, temperature), to meet the diversified experimental needs.

◆ACC/DEC Rates

11 acceleration and 11 deceleration rate, to prevent second emulsion or turbid, to achieve best centrifugation result.

◆Main Interface Function

In manual mode, the centrifuge parameters can be set quickly, and the G-force and speed switched by soft touch the key. The stability of temperature and speed during spinning can be viewed through the curve.





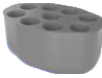
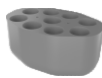



◆Powerful System Setting Function

Powerful control system allows easy data capture, storage, and processing. English /Chinese operation language optional.

Technical parameter

Order NO	0204130000			
Max Speed	Angle Rotor	8000r/min	Swing Rotor	4200r/min
Max RCF	Angle Rotor	11875xg	Swing Rotor	5100xg
Max Capacity	Angle Rotor	6x1000ml	Swing Rotor	6x1500ml
Speed Accuracy	±10r/min			
Time Setting Range	1min~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			
Temperature Accuracy	±2°C			
Compressor Unit	Environment friendly refrigerant (R404a)			
Noise	≤ 65dB (A)			
Power Supply	AC220±22V 50Hz			
Power Consumption	5.5kW			
Dimension (WxDxH)	730x930x960(mm)			
Packing Dimension (WxDxH)	920x1040x1560(mm)			
Net Weight	260kg			

Rotor parameters

<p>No:1</p>  <p>Rotor Type: Angle rotor Max Speed: 8000r/min Max RCF: 11875xg Max Capacity: 6x500ml Order NO: 0301801900 Adapter: 6x250ml, 6x100ml, 12x50ml (conical) 、 18x50ml, 42x15ml (conical) 、42x10ml、 60x5ml, 78x1.5ml</p>	<p>No:2</p>  <p>Rotor Type: Angle rotor Max Capacity: 6x1000ml Max Speed: 7000r/min Max RCF: 11500xg Order NO: 0301891092 Adapter: 24x50ml (conical/round) 、6x250ml、 6x500ml</p>		
<p>No:3</p>  <p>Rotor Type: Swing Rotor Max Speed: 4200r/min Max RCF: 5100xg Max Capacity: 6x1500ml Order NO: 0302857900 (rotor, bucket and windshield included)</p>	 <p>Rectangular Bucket Max Capacity: 6x1500ml Order NO: 0303891020</p>	 <p>Adapter Max Capacity: 6x9x50ml Order NO: 0304891153</p>	 <p>Adapter Max Capacity: 6x9x50ml (conical) Order NO: 0304891157</p>
		 <p>Adapter Max Capacity: 6x21x15ml Order NO: 0304891151</p>	 <p>Adapter Max Capacity: 6x21x15ml (conical) Order NO: 0304891155</p>
		 <p>Adapter Max Capacity: 6x44x5/7ml (Vaccum blood collection tube) Order NO: 0304891160 (The max speed can not exceed 3500r/min with this adapter)</p>	<p>Can be customized</p>



VORTEX 6K

Large Capacity Low Speed Refrigerated Centrifuge

VORTEX 6K is an intelligent centrifuge developed by Cence/Xiangyi. It can monitor 1 to 100 centrifuges through intelligent terminal (computer), monitor the operation status of centrifuges, and save relevant records of centrifuge operation, Establish a safe connection with the centrifuge and remotely control the startup and stopping of the centrifuge, It meets the requirements for the integrity of operation information of biopharmaceutical GMP instruments. Come with standard network interface, user can control the centrifuge by Mobile APP.

Product advantages

- ◆ Automatic door opening & closing by just touch the key on the screen. Door lid come with intelligent anti pinch device.
- ◆ Swing rotor 6x1000ml for biological product separation. It can also separate 6x400ml triple blood bags in one cycle, which greatly improves the production efficiency and separation effect.
- ◆ Multiple protective functions, including the protection of over-speed, over-temperature, motor over-heating as well as door lid.
- ◆ The rotor adopt 7075-T6 aviation grade alloy aluminum , hard oxidation, corrosion resistance. From raw material to finished products, each process is strictly controlled. The flaw detection report , tensile test report , chemical composition test report and processing test report can be provided. Centrifuge chamber adopt 2mm thick 316L stainless steel , Housing (3mm Q235 steel) , Containment (15mm Q235 steel) , Diaphragm in door lid (3mm Q235 steel)
- ◆ The system adopts unified and standard Ethernet communication interface and provides key parameter point table , to facilitate system expansion and bring data into system monitoring.
- ◆ Save up to 100 user-defined program. Users can name each program to distinguish it. Each program can be divided into 5 steps (set speed, time, temperature) , to meet the diversified experimental needs.
- ◆ 11 acceleration and 12 deceleration rate (NO.10 rate can be self-defined) , to prevent second emulsion or turbid, to achieve best centrifugation result.
- ◆ In Manual mode, parameters can be set quickly. RCF and speed be shifted by just touch the key.
- ◆ Powerful control system allows easy data capture, storage, and processing
- ◆ (Optional) It can monitor 1 to 100 centrifuges through intelligent terminal (computer); Provide real-time connection with centrifuge with mobile APP; Built in help information in each interface; Make the centrifuge intelligent.

Technical parameter






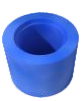









No:1



Rotor Type: Angle Rotor
 Max Speed: 6000r/min
 Max RCF: 6680xg
 Max Capacity: 6×500ml
 Order NO: 0301801900
 Adapter: 6×250ml、6×100ml、12×50ml (conical) 、18×50ml、42×15ml (conical) 、42×10ml、60×5ml、78×1.5ml

Rotor parameters

Order NO	0204260031		
Max Speed	Angle Rotor	6000r/min	Swing Rotor 4200r/min
Max RCF	Angle Rotor	6680xg	Swing Rotor 5100xg
Max Capacity	Angle Rotor	6x500ml	Swing Rotor 6x1000ml
Time Setting Range	two mode 1min-99h59min ,1s-99min59s optional, default mode 1min-99h59min		
Timing mode	Start Timing after Spinning, Start Timing after Reach Setting Speed, Continuous Timing, Operation at an appointed Time		
Temperature Setting Range	-20°C~40°C, Setp 1°C adjustable		
Temperature Accuracy	±2°C		
Speed Accuracy	±10r/min		
Power Supply	AC220±22V 50Hz		
Power Consumption	4kW		
Noise	≤65dB (A)		
Rotor Identification	Yes		
Imbalance Protection	Yes		
Pre-cooling function	Yes		
Computer Control	RS485 or RS232		
Protection Function	Imbalance Protection,Rotor-identification,Door Lid Anti Pinch Protection,Motor Overheating Protection,Over-Speed Protection,Over-temperature Protection		
Dimension (WxDxH)	728×935×943 (mm)		
Packing Dimension (WxDxH)	920×1040×1200 (mm)		
Net Weight	330kg		

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:2</p>  <p>Rotor Type: Swing Rotor Max Speed: 4200r/min Max RCF: 5100xg Max Capacity: 6×1000ml Order NO: 0302850500 (rotor, round bucket and windshield included)</p>  <p>Order NO: 0302891100 (rotor, rectangular bucket and windshield included)</p>	 <p>Round Bucket Max Capacity: 6×1000ml Order NO: 0303891021</p>		6x1x500ml(conical/round) 0304891533 (conical) 0304891040 (round)		6x1x300ml 0304891048
			6x1x250ml (conical) 0304891049		6x1x200ml Blood bag 0304850527
			6x3x100ml 0304891042		6x5x50ml (conical/round) 0304891043 (conical) 0304891044 (round)
			6x14x15ml(conical/round) 0304891045 (conical) 0304891047 (round)		6x37x7ml (RIA tube) 0304850522
			6x24x5/7ml Vaccum blood collection tube 0304850525		6x28x1.5ml 0304850526
		6x1x1000ml Blood bag adaptor 0304850602		/	
	 <p>Rectangular Bucket Max Capacity: 6×1000ml Order NO: 0303850601</p>	Can be customized			



DL-6M Large Capacity Low Speed Refrigerated Centrifuge

DL-6M large capacity low-speed refrigerated centrifuge is a classic model developed by Xiangyi/Cence, which is very popular in the market. With swing rotor 6x1000ml(round bucket) and 6x1000ml(oval bucket), it's an ideal instrument for biopharmaceutical, biological products and blood bank.

Product advantages


- ◆9 acceleration and 10 deceleration option based on user's requirement. Touch panel, LED display.
- ◆Environment-friendly refrigerant is adopted .The temperature setting range is -20°C~40°C, and maximum speed temperature can be controlled below -4°C.
- ◆Multiple protection against imbalance ,over-speed, over-temperature as well as door lid.
- ◆AC brush-less motor is more reliable. Low noise (less than 65dB) and low vibration.
- ◆Whole steel housing and three tiers containments for the safety of operator and instrument.
- ◆The rotor adopt 7075-T6 aviation grade alloy aluminum, hard oxidation, corrosion resistance. From raw material to finished products, each process is strictly controlled. The flaw detection report, tensile test report, chemical composition test report and processing test report can be provided.

Technical parameter
















Order NO	0204126000			
Max Speed	Angle Rotor	6000r/min	Swing Rotor	4200r/min
Max RCF	Angle Rotor	6680xg	Swing Rotor	5100xg
Max Capacity	Angle Rotor	6x500ml	Swing Rotor	6x1000ml
Speed Accuracy	±10r/min			
Time Setting Range	1min~99h59min			
Timing mode	Start Timing after Reach Setting Speed			
Temperature Setting Range	-20 ~ 40°C			
Temperature Accuracy	±2°C			
Compressor Unit	Environment friendly refrigerant (R404a)			
Noise	< 65dB (A)			
Power Supply	AC220±22V 50Hz			
Power Consumption	3.0kW			
Dimension (WxDxH)	730x840x1200(mm)			
Packing Dimension (WxDxH)	920x1040x1520(mm)			
Net Weight	260kg			

 Rotor parameters

No:1



Rotor Type: Angle Rotor
 Max Speed: 6000r/min
 Max RCF: 6680xg
 Max Capacity: 6×500ml
 Order NO: 0301801900
 Adapter: 6×250ml、6×100ml、12×50ml (conical) 、18×50ml、42×15ml (conical) 、42×10ml、60×5ml、78×1.5ml

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:2</p>  <p> Rotor Type: Swing Rotor Max Speed: 4200r/min Max RCF: 5100xg Max Capacity: 6×1000ml Order NO: 0302850500 (rotor, round bucket and windshield included) </p>  <p> Order NO: 0302891100 (rotor, rectangular bucket and windshield included) </p>	 <p> Round Bucket Max Capacity: 6×1000ml Order NO: 0303891021 </p>		6x1x500ml(conical/round) 0304891533 (conical) 0304891040 (round)		6x1x300ml 0304891048
			6x1x250ml (conical) 0304891049		6x1x200ml Blood bag 0304850527
			6x3x100ml 0304891042		6x5x50ml(conical/round) 0304891043 (conical) 0304891044 (round)
			6x14x15ml(conical/round) 0304891045 (conical) 0304891047 (round)		6x37x7ml 0304850522
			6x24x5ml 0304850525		6x28x1.5ml 0304850526
	 <p> Rectangular Bucket Max Capacity: 6×1000ml Order NO: 0303850601 </p>		6x1x1000ml Blood bag adaptor 0304850602	/	
		Can be customized			



CL5R/CL5 Large Capacity Low Speed Refrigerated/Ventilated Centrifuge

CL5R(refrigerated)CL5(ventilated) are a new generation of smart centrifuges with new UI interface design to meet the new demand of customers. Featuring small footprint and cost-effective. It can quicken separation with 6x500ml or 4x1000ml swing rotor. Enhanced ergonomics combined with the quick set-up of traceable, reproducible runs makes the centrifuge CL5R/CL5 the choice for simplified blood processing productivity.

Product advantages

- ◆The sturdy rotor adopt 7075-T6 alloy aluminum, hard oxidation, corrosion resistance.
- ◆Blood components separation: It can separate 4x450ml triple blood bags or 8x200ml triple blood bags with quick centrifugation programs, compact design as well as ideal cost-effectiveness.
- ◆Multiple adapters available, accommodate to almost all the tubes used in hospitals. Swing rotor 6x500ml, it can spin up to 168pcs vacuum blood collection tube in one cycle, meet the requirement of high-volume mass centrifugation in hospital.
- ◆It can handle the samples with large capacity or with multiple tubes.
- ◆Equipped with triple protection structure of inner chamber, jacket and housing. Non-contact imbalance protection and multiple protective functions, including the protection of over-speed, over-temperature, motor over-heating as well as door lid, ensure safety of samples, centrifuge and operator.
- ◆ISO9001, ISO13485 quality system have been effectively running for 15 years, ensure the stability and consistency of the product quality.
- ◆Featuring 10 ACC and 11 DEC rate to prevent second emulsion or turbid, to achieve best centrifugation result.
- ◆In Manual mode, parameters can be set quickly. RCF and speed be shifted by just touch the key. The stability of temperature and speed during spinning can be viewed through the curve.
- ◆Running data, error code record and operation record can be stored through the system setting. Chinese/English/German/French/Spanish operation language optional. And user authority management and other characteristic functions can be managed as well.

Technical parameter
















No.:1





















Rotor Type: Angle Rotor
 Max Speed: 5000r/min
 Max RCF: 4640xg
 Max Capacity: 6x500ml
 Order NO: 0301801900
 Adapter: 6x250ml, 6x100ml, 6x2x50ml(conical), 6x50ml(conical/round), 6x3x50ml, 6x7x15ml(conical), 6x7x10ml, 6x10x5ml, 6x13x1.5ml

Rotor parameters

Model	CL5R				CL5
Order NO	0204256000				0205255000
Max Speed	Angle Rotor	5000r/min	Swing Rotor	5000r/min	
Max RCF	Angle Rotor	4640xg	Swing Rotor	6100xg	
Max Capacity	Angle Rotor	6x500ml	Swing Rotor	4x1000ml	
Speed Accuracy	±10r/min				
Time Setting Range	1min~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				/
Temperature Accuracy	±1°C				/
Pre-cooling function	Yes				/
Compressor Unit	Environment friendly refrigerant (R404a)				/
Noise	≤ 65dB (A)				
Power Supply	AC220±22V 50Hz			AC220±22V 50Hz	
Power Consumption	3.0kW			2.0kW	
Dimension (WxDxH)	700x880x930(mm)				
Packing Dimension (WxDxH)	820x1000x1080(mm)				
Net Weight	260kg			220kg	

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:2</p>  <p>Rotor Type: Swing Rotor Max Speed: 5000r/min Max RCF: 6100xg Max Capacity: 4x1000ml Order NO: 0302857100 (rotor, round bucket and windshield included) Order NO: 0302891097 (rotor, rectangular bucket and windshield included)</p>	 <p>Round Bucket Max Capacity: 4x1000ml Order NO: 0303891027</p>		4x1x500ml(conical/round) 0304891533 (conical) 0304891040 (round)		4x1x300ml 0304891048
			4x1x250ml (conical) 0304891049		4x1x200ml Blood bag 0304850527
			4x3x100ml 0304891042		4x5x50ml(conical/round) 0304891043 (conical) 0304891044 (round)
			4x14x15ml(conical/round) 0304891045 (conical) 0304891047 (round)		4x37x7ml 0304850522
			4x24x5ml 0304850525		4x28x1.5ml 0304850526
	 <p>Rectangular Bucket Max Capacity: 4x1000ml Order NO: 0303857106</p>		4x1x1000ml Blood bag adaptor 0304850602	/	
 <p>Microplate Order NO: 0303891127</p>		4x1x96 Deep-well plate Deep-well plate Height < 72mm	4x2x96 Microplate		

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:3</p>  <p>Rotor Type: Swing Rotor Max Speed: 55000r/min Max RCF: 5980xg Max Capacity: 6×500ml Order NO: 0302857200 (rotor, round bucket and windshield included) Order NO: 0302891096 (rotor, rectangular bucket and windshield included) Max speed 4000r/min without windshield</p>	 <p>Round Bucket Max Capacity: 6×500ml Order NO: 0303891022</p>		6x1x250ml 0304891142		6x2x100ml 0304891009
			6x4x50ml(conical/round) 0304891008		6x7x20ml 0304851485
			6x9x15ml(conical/round) 0304891083		6x14x10ml 0304891705
			6x19x5/7ml Vaccum blood collection tube 0304851450		6x36x1.5ml 0304891677
	 <p>Rectangular Bucket Max Capacity: 6×500ml Order NO: 0303851421</p>		6x1x250ml 0304891041		6x2x100ml 0304891542
			6x4x50ml(conical/round) 0304891075 (conical) 0304891107 (round)		6x10x15ml(conical/round) 0304891074 (conical) 0304891104 (round)
			6x20x10ml 0304891077		6x28x5/7ml Vaccum blood collection tube 0304891081
			6x56x1.5ml 0304891603		/