

8000rpm Max 6x2400ml Low Speed Refrigerated Blood Centrifuge with Brushless DC Motor

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MKE
- Certification: CE, ISO, IUUV
- Model Number: CVR-80B
- Minimum Order Quantity: 1
- Price: Negotiate
- Packaging Details: Plywood Box
- Delivery Time: 10-15 work days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 50 units/month



Product Specification

- Classification: Blood Centrifuge For Blood Bank
- Max Speed: 8000r/min
- Max Rcf: 14900Xg
- Max Capacity: 6x2400ml Swing Bucket Rotor
- Noise: ≤65dB
- Power Supply: AC 220V/110V 50HZ/60HZ
- Motor: Brushless DC Motor
- Warranty: 1 Year
- Timer Range: 1~99min59s
- Application: Blood Serum And Plasma In Hospital, hospitals And Biochemical Laboratories, Laboratory Usage
- Highlight: **Brushless DC Motor Blood Centrifuge, 6x2400ml Blood Centrifuge, 8000rpm Blood Centrifuge**



More Images




Product Description

Overview of 8000rpm Max 6x2400ml Low Speed Refrigerated Blood Centrifuge

The CVR-80B is a refrigerated floor-standing centrifuge tailored for blood banks and transfusion centers. It efficiently handles large specimen volumes, accommodating up to twelve 500 ml blood pouches per run. Its smooth operation ensures consistent and reliable sedimentation results.

This high-performance blood bank centrifuge features precise temperature control, ranging from -20°C to +40°C. Its Rapid Temp quick cooling function is especially useful for pre-chilled blood pouches, allowing the chamber and accessories to be pre-cooled to a specific temperature, ensuring optimal processing conditions.

	8000 rpm	Maximum Speed
	14900xg	Maximum RCF
	6x2400ml	Maximum Capacity
	12 pcs 500ml blood bags	Capacity
	≤65dB(A)	Noise Level(dBA)
	-20°C~+40°C	Temp.range Accuracy of ±1°C
RTC (Real-Time Control) Function Castor wheels for ease of mobility		

Features of Blood Centrifuge CVR-80B

Robust Construction: The rotor body is made of national aviation standard aluminum 7075-T6, which is processed and molded after forging treatment and Class A deep flaw detection treatment, and passes the static balance test and dynamic balance test to ensure the safety and reliability of the rotor body.

Precision Rotor Design: Rotor body made of national aviation standard aluminum LC4, processed and shaped after forging treatment, and subjected to A-level depth flaw detection treatment, static balance test, and dynamic balance test for optimal performance.

User-Friendly Features: Equipped with an observations window for speed calibration and noise measurement. Microprocessor control with carbon brushless large torque frequency conversion motor ensures maintenance-free operation and no dust pollution. LCD display shows Speed, Timer, RCF, Rotors, Program(Memory), Acceleration & Deceleration information, and Error codes.

Efficient Capacity: can process up to 12 bags of 500 ml whole blood or 6*2400 ml for a total of 14,400 ml specimens at a time.

Temperature Control: CFC-free refrigeration system with double-cycle refrigeration and precise temperature control ranging up to -20°C. Pre-cooling feature ensures optimal temperature conditions.

Programmable Operation: Allows programming and storage of up to 30 programs. Offers 10 acceleration rates and 10 braking ramps to avoid secondary sedimentation for enhanced centrifugation efficiency.

Convenient Operation: Features automatic lid-locking and holding during rotor run. Easily exchangeable rotors and a special rotor connector facilitate effortless loading and unloading.

Wind cover shield prevents air currents from affecting processed specimens.




Safety Measures: Produced according to international safety regulations (e.g., IEC 61010). Safety Electrical lid interlock ensures the door cannot open when the rotor is running. The machine won't operate if the lid is open, and error codes are displayed. Emergency lid-lock release is available in case of power failure. Gas hinge provides lid drop protection. Multiple safety features protect against over speed, over heating (motor, chamber), imbalance, ensuring user and machine safety.

Technical Specifications of 8000rpm Max 6x2400ml Low Speed Refrigerated Blood Centrifuge

Speed range(rpm)	0-8000rpm adjustable	Speed accuracy	±20r/min
Max Capacity(ml)	6*2400ml/12 pcs 500ml blood bags	Temperature range(°C)	-20°C~+40°C adjustable
RCF range (xg)	0-14900xg adjustable	Temperature accuracy	±1°C
Time range	0-99min59s adjustable	Acceleration/Deceleration rates	1-- 10
Noise(dBA)	≤65dB(A)	Daily-use program	30
Dimension	1000×850×1180mm(L×W×H)	Net weight(without rotor)	600KGSs
Display	LCD	Power supply	AC220V,50HZ,15A, 7KW
Control&drive microprocessor	Adopt frequency conversion motor flexible shaft drive system to directly drive the rotary head, smooth operation,microprocessor control		

Matched Rotors

No.	Rotor	Capacity	Speed	RCF	Note

NO.1 	Angle Rotor	6×1000ml	8000r/min	14900xg	
NO.2 	Swing Rotor	6×2400ml	4000r/min	5330xg	12 pcs of 500ml blood bags
NO.3 	Swing Rotor	6×2×1000ml	4000r/min	5800xg	

WHY CHOOSE US

- **Direct from the Manufacturer:** Enjoy competitive pricing on all our products.
- **Certified Excellence:** Experience premium quality with our CE and ISO certified products.
- **Customization at Its Best:** Benefit from our robust OEM and ODM capabilities tailored to your specific needs.
- **Reliable Production and Delivery:** Trust us for guaranteed on-time production and delivery of your orders.
- **Comprehensive Support:** Rely on our comprehensive after-sales service, including complimentary product accessories.
- **Expertise You Can Trust:** We stand behind our 15 years of experience in R&D and production of medical centrifuge machines.



Our Factory Introduction

We have a standardized production workshop operated by a dedicated team that ensures quality in every laboratory centrifuge and lab equipment we produce. Our R&D division includes design engineers, technology specialists, qualified experts, and process control managers. Following a strict quality control system, our specialists oversee the entire production process, from design and R&D to testing, production, quality inspection, and packaging.

- Specialize in centrifuges.
- With decades of experience, we've exported to 80+ countries.
- Proven Reputation: SGS and Intertek inspected, underlining our reliability.
- Manufacturing Capabilities: 6 floors, 3000 sqm each, dedicated to manufacturing and quality control.

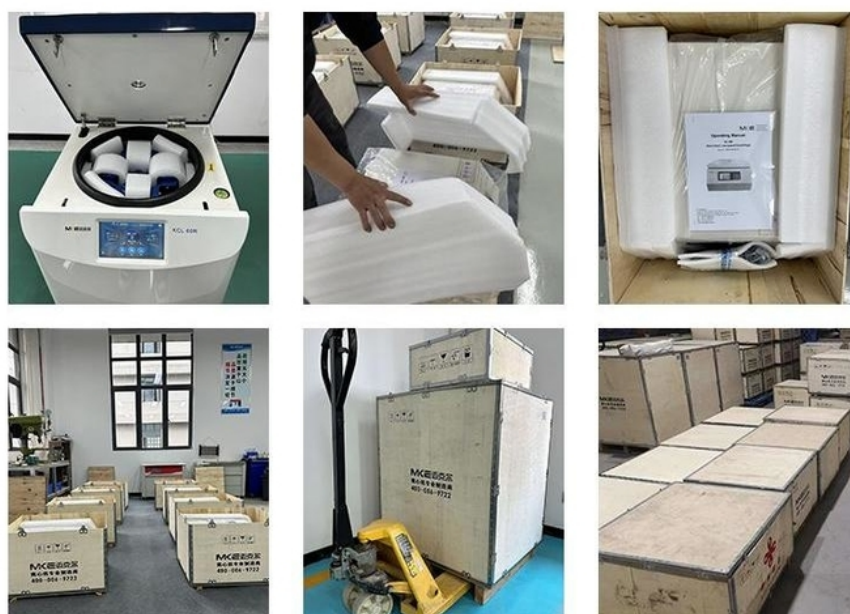


MKE Exhibition

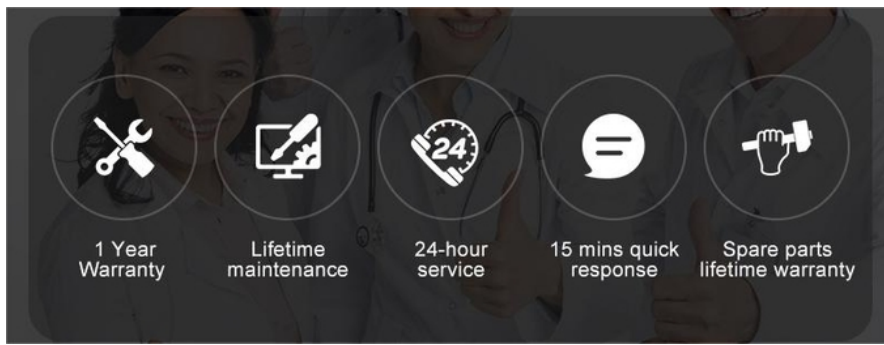


Packaging & Delivery

MKE centrifuges are securely packaged in wooden cases or carton boxes, selected according to the weight and size of the goods. This ensures they are delivered in excellent condition to customers worldwide.



After-Sale WARRANTY



FAQ

Q: How long is the production lead time?

A: Within 7-15 workdays after receiving deposit.

Q: What's your warranty?

A: All MKE products have ONE year warranty, five-year motor warranty. We won't charge clients any money for repairing the machine during one-year warranty time, the freight is also on us.

Q: How about the sample of MKE Centrifuge?

A: We could send you the samples but the freight and the sample are charged.

Q: Which kinds of Certificate would you have?

A: ISO9001, ISO13485, CE

Q: Do you offer centrifuges with voltage and plug options suitable for my country/region?

A: Yes, we provide centrifuges with various voltage and plug options to meet different country/region requirements. Please let us know your specific needs, and we will ensure compatibility.

Q: Are there customized options available for specific applications?

A: Absolutely! We offer customization options to meet specific application needs. Let us know your requirements, and we will tailor the centrifuge accordingly.



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