

## Super-Large Capacity Refrigerated Blood Bag Centrifuge 12 Blood Bags 500ML

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

- Matched rotors: Fixed Angle Rotors And Swing Rotors
- Timing Range: 1~99h59min
- Max Speed: 8000rpm
- Max capacity: 6\*2400ml Swing Rotor
- Temperature Range: -20°C~+40°C Adjustable
- Power: 220V /110V 50Hz/60Hz, 15A
- Noise: 65dBA
- Acceleration/Deceleration: 10 Levels
- Max Rcf: 14900 X G
- Highlight: **500ML Refrigerated Blood Bag Centrifuge, 12 blood bag centrifuge machine, Large Capacity centrifuge for blood bags**



### More Images



## Product Description

The CVR-80B is a floor-standing refrigerated centrifuge specifically designed for blood banks and transfusion centers. It excels at processing large volumes of specimens, capable of handling up to twelve 500 ml blood bags in a single run, delivering consistent and reliable sedimentation results.



With precise temperature control ranging from -20°C to +40°C, the CVR-80B ensures optimal conditions for blood storage and processing. Its Rapid Temp quick-cooling feature is ideal for pre-chilled blood bags, allowing the chamber and accessories to be pre-cooled to the desired temperature, enhancing overall efficiency and performance in critical applications.

## Tech Specification

<b>Speed range(rpm)</b>	0-8000rpm adjustable	<b>Speed accuracy</b>	±20r/min
<b>Max Capacity(ml)</b>	6*2400ml/12 pcs 500ml blood bags	<b>Temperature range(°C)</b>	-20°C~+40°C adjustable
<b>RCF range (xg)</b>	0-14900xg adjustable	<b>Temperature accuracy</b>	±1°C
<b>Time range</b>	0-99min59s adjustable	<b>Acceleration/Deceleration rates</b>	1-- 10
<b>Noise(dBA)</b>	≤65dB(A)	<b>Daily-use program</b>	30
<b>Refrigerant</b>	R404A	<b>Net weight(without rotor)</b>	600KGSs
<b>Display</b>	LCD	<b>Dimension(L×W×H)</b>	1000×850×1180mm
<b>Power supply</b>	AC220V,50HZ,15A, 7KW		
<b>Control&amp;drive microprocessor</b>	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	

## Features

**Durable Construction:** The rotor is crafted from aviation-grade aluminum 7075-T6, forged and molded with advanced processing techniques, and subjected to Class A flaw detection. It undergoes both static and dynamic balance tests, ensuring superior safety and reliability.

**Precision Rotor Design:** Built from high-strength aviation-grade aluminum LC4, the rotor is meticulously forged and processed, undergoing stringent depth flaw detection, and balance testing to guarantee exceptional performance.

**User-Friendly Operation:** Includes an observation window for speed calibration and noise measurement. The centrifuge is controlled by a microprocessor with a carbon brushless, high-torque frequency conversion motor, ensuring dust-free, maintenance-free operation. The LCD screen displays key information such as Speed, Timer, RCF, Rotor type, Program (Memory), Acceleration/Deceleration settings, and Error codes.

**High Capacity:** Capable of processing up to 12 bags of 500 ml whole blood or 6 units of 2400 ml, handling a total volume of 14,400 ml in one cycle.

**Precise Temperature Control:** Features a CFC-free, double-cycle refrigeration system with temperature control down to -20°C. The pre-cooling function ensures the chamber is at optimal temperature for blood processing.

**Programmable Functions:** Stores up to 30 programs for easy recall. Includes 10 acceleration rates and 10 braking ramps, reducing the risk of secondary sedimentation and ensuring efficient centrifugation.

**Ease of Use:** Automatic lid-locking during operation enhances safety, while rotors can be easily exchanged with a specially designed rotor connector for quick loading and unloading. A wind cover shield minimizes air currents, protecting specimen integrity.

**Advanced Safety Features:** Compliant with international safety standards (IEC 61010), the centrifuge is equipped with an electrical lid interlock to prevent opening during rotor operation. An emergency lid-release function is included for power failures, and gas hinges provide drop protection. Additional safety measures protect against overspeed, overheating (motor and chamber), and imbalance, safeguarding both the operator and the equipment.

## 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.

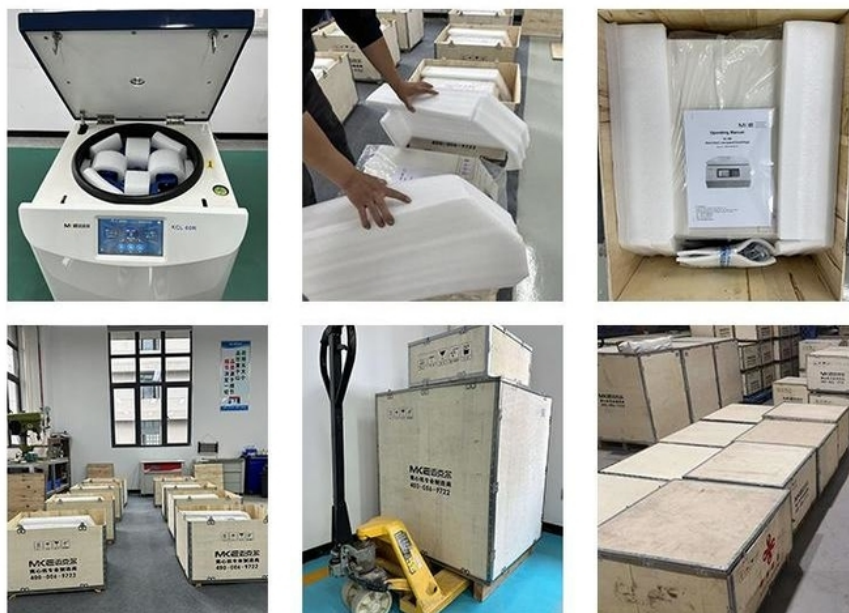


### **MKE Exhibition**



### **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.



Professional  
Centrifuge  
Manufacturer

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