

## OEM Tabletop Clinical Centrifuge Machine For Lymphocyte Cleaning

Our Product Introduction

for more products please visit us on [mkecentrifuge.com](http://mkecentrifuge.com)

### Basic Information

- Place of Origin: CHINA
- Brand Name: MKE
- Certification: CE,ISO13485,ISO9001,SFDA
- Model Number: K450
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Wooden Box
- Delivery Time: 7-15 work days
- Payment Terms: L/C,D/A,D/P,T/T,Western Union,MoneyGram
- Supply Ability: 100 set/month



### Product Specification

- Applications: Hospitals, Veterinary Clinics, Food Labs, Universities & Colleges, Pharmaceutical Labs, Cell Culture Labs
- MaxSpeed: 4500 Rpm
- MaxRCF: 2000xg
- MaxCapacity: 12\*15ml
- MatchedRotors: Fixed Angle Rotors, Cell Washing Rotors
- Display: LED
- Warranty: 1 Year Warranty For The Whole Machine, 3 Years Warranty For The Compressor And 5 Years Warranty For The Motor. Free Replacement Parts And Shipping Within Warranty.
- Highlight: **Tabletop clinical centrifuge machine, OEM clinical centrifuge machine, OEM centrifuge tabletop**



### More Images



## Product Description

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The K450 Cell Washing Centrifuge is designed specifically for lymphocyte cleaning in HLA examinations and red blood cell cleaning for freezing experiments within laboratory settings. Ideal for laboratories conducting HLA examinations and freezing experiments, this centrifuge ensures precise and effective cell washing, essential for accurate outcomes. Its multifunctional design caters to diverse applications in the medical and biochemical domains, making it a versatile choice for laboratories requiring efficient cell washing capabilities.






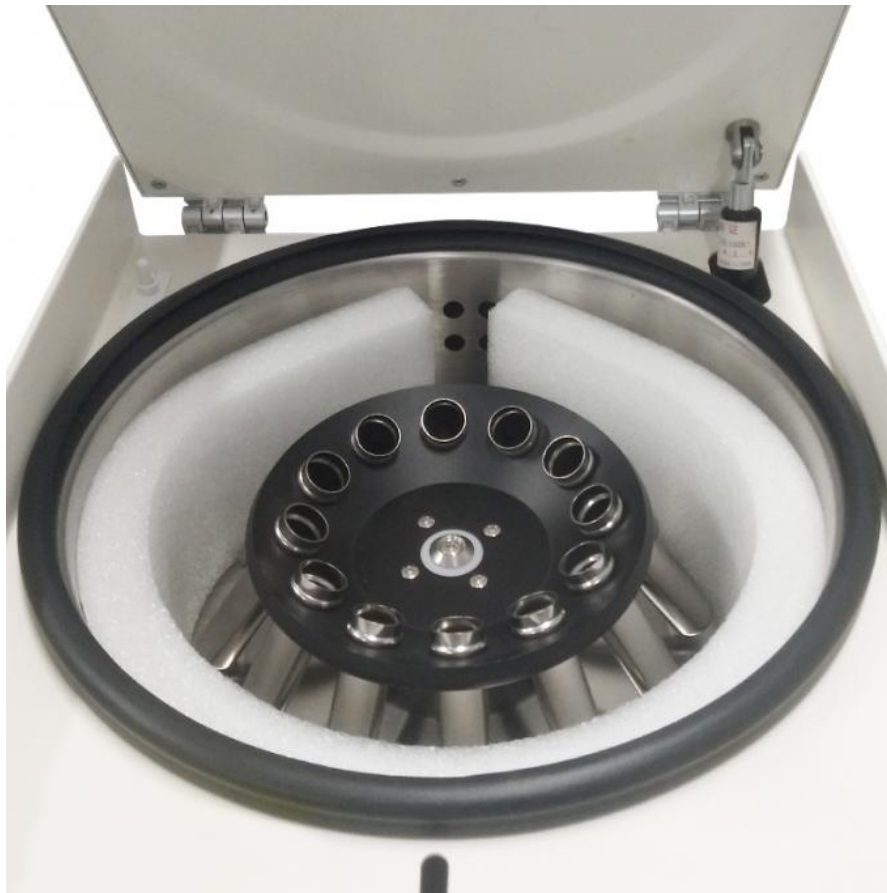
### Technical Specifications:

Speed range(rpm)	0-4500rpm adjustable	Max Capacity(ml)	12x15ml
RCF range (xg)	0-2000xg adjustable	ACC/DEC	1-10 rates
Motor	Inverter motor direct drive	Dimension(mm)	430*320*220mm
Noise(dBA)	≤55dB(A)	Net weight(without rotor)	18KG
Power supply	AC220V,50HZ,5A,200W		



## Matched Rotors

For lymph ball cleaning						
Rotor Name	Program	Capacity	Speed r/min	RCF xg	Centrifugal time (variable range)	Applications
White blood cell washing rotor 	P1	12×2ml	4500	2000	180seconds (30~300seconds)	Isolation of lymphocytes, isolation of cultured cells
	P2	12×1.5ml	3200	1000	3 seconds	Platelet removal
	P3	12×0.5ml	3200	1000	60 seconds (30~120seconds)	Cleaning of the lymphatic bulb
Red blood cell washing rotor						
Rotor Name	Program	Capacity	Speed r/min	RCF xg	Centrifugal time (variable range)	Applications
Red blood cell washing rotor 	P4	12×2ml	2100	500	60 seconds (30~120seconds)	Blood group determination, blood clotting reaction observation
	P5	12×2ml	3200	1000	15 seconds (5~15seconds)	Cross-fit test, antiglobulin test
	P6	12×2ml	3200	1000	60seconds (30~120seconds)	Washing of blood cells, extraction of serum and plasma from dissociated solutions
Angle Rotor 	P7	12×15-10-5ml	3200	1247	60 seconds (30~120 seconds)	Cross-matching blood test



## Features

**Robust Construction:** High-quality steel structure with built-in blast-proof steel chamber and autoclave-able 304# stainless steel chamber for resistance against detergents and disinfection liquids.

**Efficient Drive System:** Frequency conversion motor drive with microprocessor control, utilizing a flexible shaft drive system for smooth operation, minimal vibration, and low noise.

**Convenient Monitoring:** LED screen displays Speed, Timer, RCF, Rotors, Program(Memory), Acceleration& Deceleration information, and Error codes.

**Program Flexibility:** Pre-programmed settings with memory for lymphocyte cleaning and red blood cell separation. Ten speed stages with rapid acceleration (7 seconds) and deceleration. Fast shutdown in just 5 seconds.

**Seamless Operation:** Equipped with double-layer silicone seal rings for effective sealing. Automatic lid-locking and holding during rotor operation. Easily exchangeable rotors with a special connector for quick loading and unloading.

**Diagnostic System:** Self-diagnostic system integrated with high-strength chamber-coating and protective features. Automatic rpm/rcf conversion for enhanced convenience.

**Effortless Operation:** Automatic lid-locking and holding during rotor run. Easily interchangeable rotors with a special connector for swift loading and unloading.

**Diagnostic Intelligence:** Self-diagnostic system with robust chamber-coating and protective measures.

Automatic rpm/rcf conversion simplifies operation.

**Operational Safety:** Automatic lid-locking and holding during rotor run. Special rotor connector ensures

secure loading and unloading.

**Protective Coating:** Self-diagnostic system includes a high-strength chamber-coating and protective features for enhanced safety. Automatic rpm/rcf conversion enhances operational safety.

## **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.



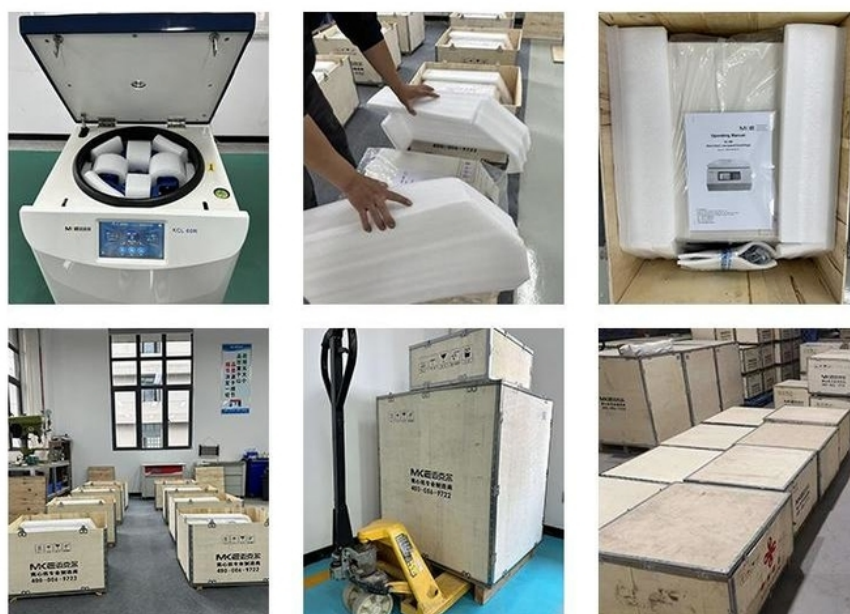


## **MKE Exhibition**

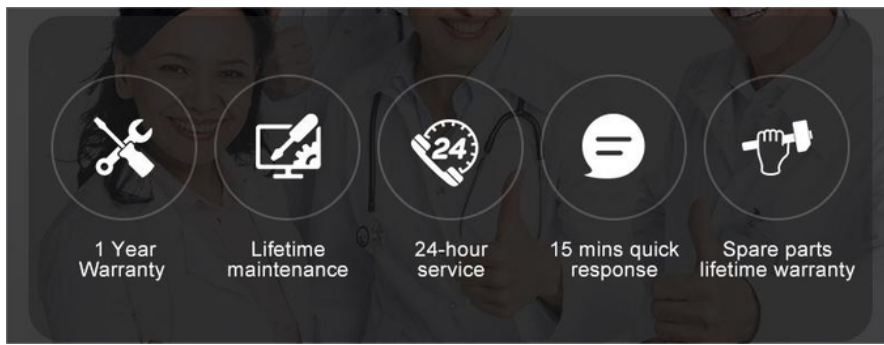


## **Packaging & Delivery**

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

**Hunan Michael Laboratory Instrument Co.,Ltd.**



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