

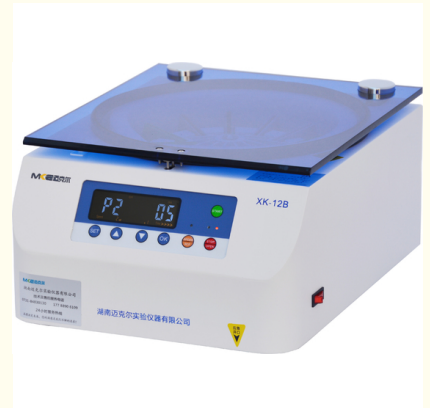
Microbiology Clinical Centrifuge Machine 12/24 Gel Cards For Blood Gel Card Testing

Our Product Introduction

for more products please visit us on mkecentrifuge.com

Basic Information

- Place of Origin: CHINA
- Brand Name: MKE
- Certification: CE,ISO13485,ISO9001,SFDA
- Model Number: XK-12B/24B
- 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: Ideal For The Centrifugation Of Samples In Clinical, Chemistry, Cytology, Research And Industrial Laboratories.
- MaxSpeed: 3500rpm
- MaxRCF: 1610/2030xg
- MaxCapacity: 12/24 Gel Cards
- Noise Level: ≤50dB(A)
- 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: **Microbiology clinical centrifuge machine, Blood Gel clinical centrifuge machine, Machine centrifuge in microbiology**



More Images







Product Description

Specifications:

Speed range(rpm)	0-3500rpm adjustable	Max Capacity(ml)	24 cards
Motor	Frequency conversion A.C. motor	Speed accuracy	±10r/min
Display	LCD	Noise(dBA)	≤50 dB(A)
Time Range	0-99min	Dimension(mm)	430*320*250mm(12 cards) 440*400*230mm(24 cards)
RCF range (xg)	0-1610/2030xg adjustable	Net weight	13 KG (with 12 cards); 19KG (with 24 cards)
Power supply	AC220V,50HZ,5A,60W		

Matched Rotors

No.	Item	Capacity	Rotational speed	Max.RCF	Time	Note
NO.1 	Pre-centrifuge program group	12 cards	3500r/min	1232xg	1 minute	Program group can be set for different blood type cards.
NO.2 	Test program group	12 cards	900r/min	81xg	2 minutes	
			1500r/min	226xg	3 minutes	
NO.1 	Pre-centrifuge program group	24 cards	3500r/min	1554xg	1 minute	
NO.2 	Test program group	24 cards	800r/min	81xg	2 minutes	
			1335r/min	226xg	3 minutes	



Description

The XK-12B/24B blood gel card desktop low-speed centrifuge is a vital tool in blood-related testing. It utilizes micro column gel technology, widely used in blood serology, serum detection, red blood cell washing, and microcolumn gel immunoassays. Equipped with a 12/24 card rotor, this centrifuge meets standard operational requirements for batch processing. Its microcomputer control and automatic imbalance detection technology ensure easy operation and precise results. Ideal for experimental hematology in hospitals and blood banks, this centrifuge is indispensable in crucial tests like Blood Group Identification, Blood Cross-Matching, and Irregular Antibody Screening. When paired with a gel card incubator, it ensures optimal performance throughout the testing process.



Features

The Blood Gel Card Centrifuge Machine operates on the principle of microcolumn gel immunoreaction, specifically the red blood cell agglutination test or microcolumn gel hemagglutination assay (MGHA). In this process, red blood cells and their corresponding antibodies clump together within the microcolumn gel tube. Through low-speed centrifugation, the clots are positioned on the surface or within the gel, while unbound red blood cells settle at the bottom of the tube.

Advantages:

Micro Column Gel Technology offers simplicity, eliminating the need for washing and confirmation tests for negative results, overcoming the complexity and time constraints of traditional Coombs tests. It establishes the incomplete antibody detection theory as the clinical "gold standard". The system can process multiple specimens simultaneously (12/24 cards), enabling efficient testing of numerous clinical samples. Additionally, it ensures accuracy, sensitivity, minimal specimen usage, long-term result storage, easy standardization, and safe operation.

Paternity Testing Method:

The Paternity Testing Method utilizes ABO blood type positive and negative type as well as RhD blood type test cards to detect human ABO and RhD antigens. It employs the column agglutination method (microcolumn gel method), a standardized immunological approach where red blood cell antigens and corresponding antibodies agglutinate within a microcolumn gel medium. This method ensures result accuracy due to its standardization and quantification.

Process Steps:

Blood Sample Collection: Collect blood samples (Note: samples with abnormally high serum protein should be adequately washed before use).

Blood Sample Processing: Centrifuge the anticoagulated whole blood at 900~1000g for 5 minutes. The lower layer contains concentrated packed red blood cells (about 80% concentration). Carefully separate the upper plasma into another test tube for direct use in experiments.



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.

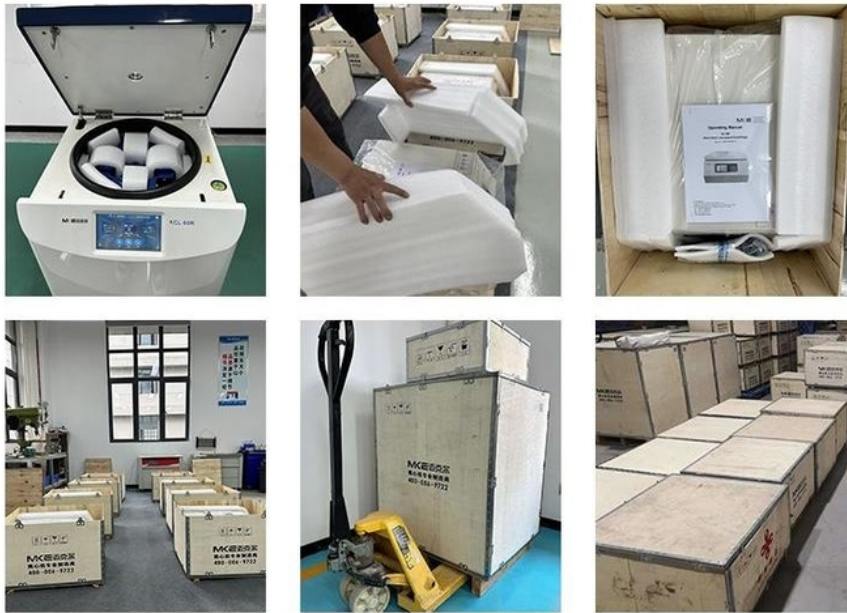


MKE Exhibition

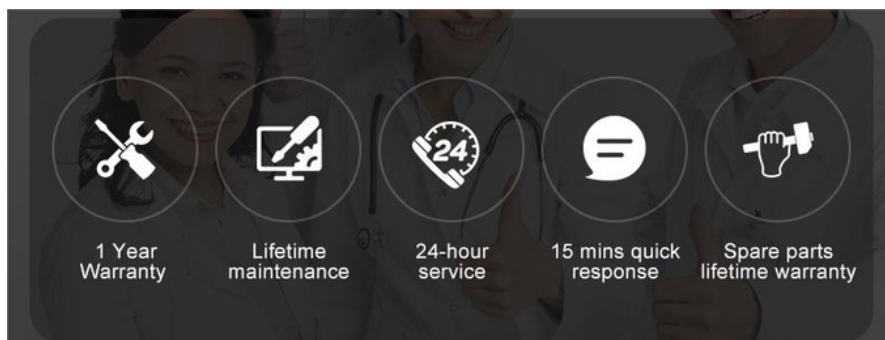


Packaging & Delivery

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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