

## Efficient Benchtop Swing Bucket Blood Centrifuge with Max 4\*100ml Capacity

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, ISO, IUUV
- Model Number: KC-500B



### Product Specification

- Classification: Swing Bucket Blood Centrifuge
- Matched rotors: Fixed Angle Rotors And Swing Rotors
- Max Capacity: 4\*400ml
- Max Speed: 6000rpm
- Acceleration/Deceleration: 10 Levels
- Power Supply: AC 110V/220V, 50Hz/60Hz
- Timing Range: 1~99h59min
- Motor: Brushless DC Motor
- Additional Features: LED Display, Adjustable Speed And Timer
- Max Rcf: 4588xg
- Highlight: **Benchtop Swing Bucket Blood Centrifuge, Efficient Blood Centrifuge, 4\*100ml Blood Centrifuge**



### More Images



## Product Description

The benchtop centrifuge KC-500B can accommodate the blood collection tubes of height 100 mm and 76 mm with auto decapping adapter, which improves the work efficiency.

An automatic cap-opening centrifuge is a type of centrifuge that features an automatic lid-opening function, which allows for easy loading and unloading of centrifuge tubes. This type of centrifuge is commonly used for sample separation and purification in applications such as biochemistry, molecular biology, medicine, and other laboratory settings. It is characterized by its ease of use, efficiency, and safety, which can save time and effort for laboratory personnel, while also avoiding contamination and errors that can occur with manual operation.

## Tech Specs

<b>Speed range(rpm)</b>	0-6000rpm adjustable	<b>Speed accuracy</b>	±10rpm
<b>Max Capacity(ml)</b>	4*400ml	<b>RCF range (xg)</b>	0-4588xg adjustable
<b>Display</b>	LCD	<b>Time range</b>	1-99minutes 59 s
<b>Noise(dBA)</b>	≤58dB(A)	<b>Acceleration /Deceleration rates</b>	0-- 9
<b>Dimension(mm)</b>	580x440x360mm	<b>Motor</b>	Frequency Converter motor
<b>Net weight(without rotor)</b>	43KGS	<b>Power supply</b>	AC220V,50HZ,10A,5 50W

## Features of Blood Centrifuge KC-500B



Metal housing, metal lid, and 304# stainless steel centrifuge chamber are autoclave-able and resistant detergents and disinfection liquids.  
Observations window on lid for speed calibration and noise measurement.  
Microprocessor control with frequency conversion A.C. motor drive.  
LCD touch screen with simple&clear interface for viewing and setting parameters of Speed, Timer, RCF, Rotors, Program(Memory), Acceleration& Deceleration information and Error code information.  
Double layers sealing ring made for the centrifuge lid and the instrument to keep long good sealing.

## User friendly

Programmable and storable, stores up to 30 programs and provides direct user access with one keystroke save. The stored parameter: combination remains in the memory even after the centrifugation has been switched off.  
Provides the 10 acceleration rates and 10 braking ramp, to effectively avoid secondary sedimentation, with better centrifugation effect.  
Automatic lid-locking and holding during rotor run.  
Easily exchangeable rotors. Auto decapping adapter is available.  
Automatic troubleshooting with indication of error code and alarm on the screen.  
Noise level lower than 58 decibel at the highest rotational speed.



## Safety

Produced according to international safety regulations (e.g. IEC 61010)  
 Safety Electrical lid interlock, door can not open when rotor is running and machine won't run when lid open and error code appears.  
 Emergency lid-lock release when power failure.  
 Gas hinge for lid drop protection.  
 Safety protections are made for the over speed, imbalance etc to ensure the man machine safety.

## Matched Rotors

No.	Item	Capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	12x15-10-5ml	6000r/min	4588xg	PP/PC tube
	Adapter	12 x 2 ml			
NO.2	Swing bucket	4 x 300 ml	4000r/min	3049xg	Square bucket
	Decapping adapter	4x12x5-2ml			
	Adapter	4x6x15-10ml			
	Adapter	4x2x50 ml			
	Adapter	4x100ml			
NO.3	Swing bucket	4x 400 ml	4000r/min	3049xg	Square bucket
	Adapter	4x16x5-2 ml			
	Adapter	4x9x15-10 ml			
	Adapter	4x4x50 ml			
	Adapter	4x100 ml			

## 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.



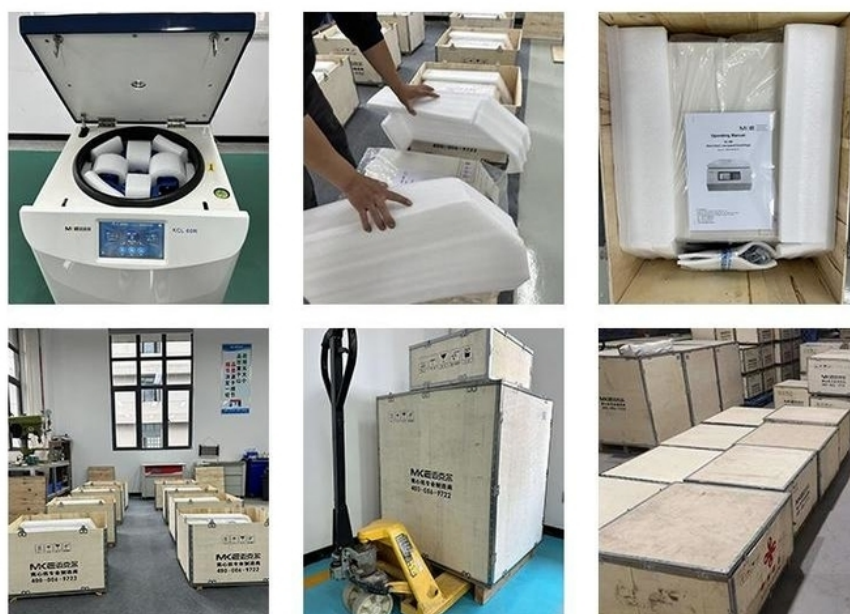


## **MKE Exhibition**

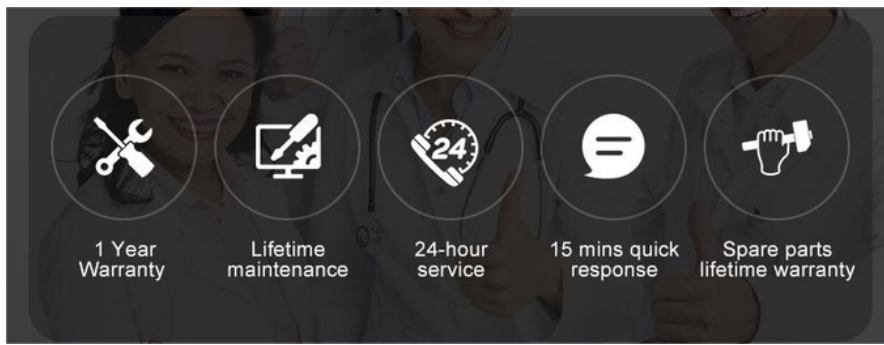


## **Packaging & Delivery**

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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