

KC - 500B Tabletop Blood Centrifuge Low Speed Operation For Large Capacity Tube Handling

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MKE
- Certification: CE, ISO, IUUV
- Model Number: KC-500B



Product Specification

- Max Capacity: 4*400ml
- Max Speed: 6000rpm
- Acceleration/Deceleration: 10 Levels
- Power Supply: AC 110V/220V, 50Hz/60Hz
- Motor: Brushless DC Motor
- Additional Features: LED Display, Adjustable Speed And Timer
- Max Rcf: 4588xg
- Highlight: **Low Speed Operation Blood Centrifuge, Large Capacity Tube Handling Blood Centrifuge, Tabletop 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

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

Matched Rotors

No.	Item	Capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	12×15-10-5ml	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	4×12x5-2ml			
	Adapter	4×6x15-10ml			
	Adapter	4x2x50 ml			
	Adapter	4×100ml			
NO.3	Swing bucket	4x 400 ml	4000r/min	3049xg	Square bucket
	Adapter	4×16×5-2 ml			
	Adapter	4×9×15-10 ml			
	Adapter	4x4x50 ml			
	Adapter	4×100 ml			

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.

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.

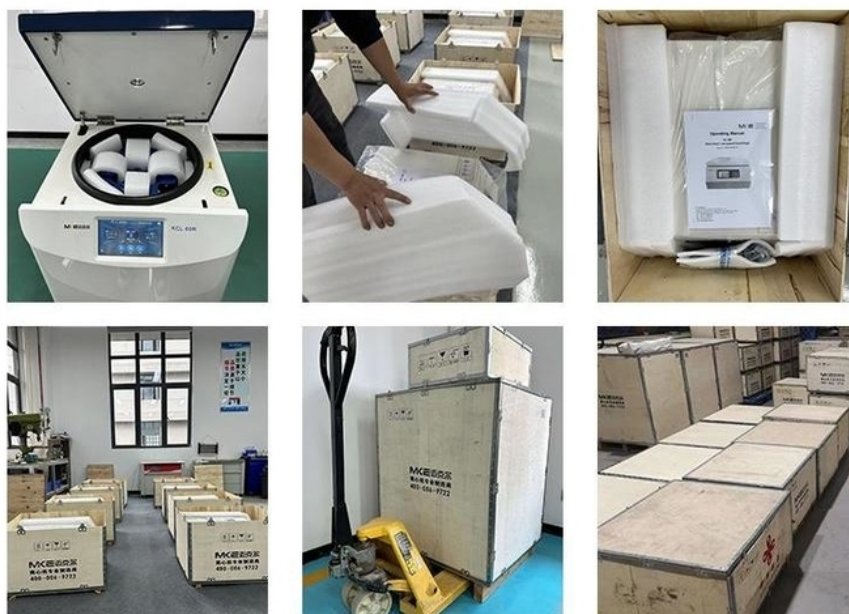


MKE Exhibition

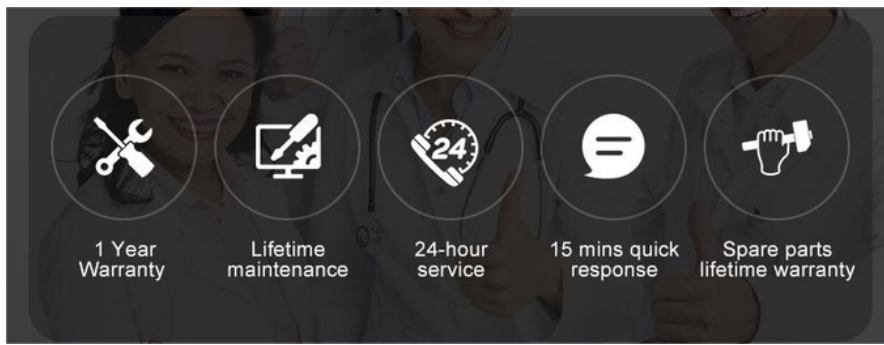


Packaging & Delivery

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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