

Bench Top Low Speed Centrifuge with Quiet Operation and Reliable Performance KC-50X

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MKE
- Certification: CE, ISO, IUUV
- Model Number: KC-50X



Product Specification

- Features: Repeatability, precision, reliability
- Product Type: Benchtop Low Speed Lab Centrifuge
- Rotor Capacity: 5ml /15ml/20ml/50ml Angle Rotor And Swing Rotor
- Display: LCD Display
- Motor: Brushless Motor
- Noise Level: <58dB(A)
- Max Rpm: 5000rpm
- Maximum Rcf: 3354xg
- Max Capacity: 4×100ml
- Time Setting Range: 1min~9h59min
- Highlight: **Quiet Operation Low Speed Centrifuge, Reliable Performance Low Speed Centrifuge, Bench Top Low Speed Centrifuge**



More Images




Product Description

The KC-50X benchtop centrifuge seamlessly integrates cutting-edge technology with an impressive capacity. Equipped with a variety of swing-out and fixed-angle rotors, it accommodates tubes ranging from 15ml and 50ml to vacuum blood collection tubes. Its extensive accessory range caters to tubes and flasks from 2ml to 100ml, ensuring adaptability for diverse laboratory needs.

Perfect for Varied Applications:

With a maximum Relative Centrifugal Force (RCF) of 3354 x g, the KC-50X stands ready for a multitude of applications. From clinical diagnostics and veterinary medicine to pharmaceuticals, environmental analysis, and industrial production, this centrifuge excels. It's also the ideal choice for universities and research facilities, offering unparalleled efficiency and reliability in every spin.

	5000 rpm	Maximum Speed
	3354xg	Maximum RCF
	4x100ml	Maximum Capacity
	≤55dB(A)	Noise Level(dBA)

Technical Specifications:

Speed range(rpm)	0-5000rpm adjustable	Speed accuracy	±10rpm
Max Capacity(ml)	4*100ml	RCF range (xg)	0-3354xg adjustable
Display	LCD	Time range	1s-99minutes
Noise(dBA)	≤55dB(A)	Acceleration /Deceleration rates	0-- 9
Dimension(mm)	500x400x300mm	Motor	Frequency Converter motor
Net weight(without rotor)	25KGS	Power supply	AC220V,50HZ,10A,320W

Diverse Choice of Rotors:

No.	Item	Capacity	Max. speed	Max. RCF	Note
NO.1	Angle rotor	12x15/10/5ml	5000r/min	3186xg	PP/PC tube
	Adapter	12x2ml			Vacuum blood collection tube
NO.2	Angle rotor	6x50ml	5000r/min	3354xg	PP/PC tube
	Adapter	6x15/10ml			PP/PC tube
	Adapter	6x5ml			Vacuum blood collection tube
NO.3	Swing rotor	4x100ml	4000r/min	2593xg	PP/PC tube
	Frame	4x100ml			PP/PC tube
	Adapter	4x10-15ml			Vacuum blood collection tube
	Frame	4x50ml			PP/PC tube
	Adapter	4x10-15ml			Vacuum blood collection tube
	Frame	4x4x5-10-15ml			Vacuum blood collection tube
	Frame	4x6x5-10ml			PP/PC tube

Features of Bench Top Low Speed Centrifuge KC-50X

Durable Construction: Its metal housing, metal lid, and 304# stainless steel centrifuge chamber can endure autoclaving and resist detergents and disinfectants.

Advanced Control: Powered by a microprocessor with frequency conversion A.C. motor drive, ensuring precision and efficiency.

Intuitive LED Display: The LED screen showcases Speed, Timer, RCF, Rotors, Program (Memory), Acceleration & Deceleration settings, and Error codes, enhancing operational clarity.

Effective Sealing: Equipped with double-layer sealing rings on the lid and instrument, ensuring prolonged and secure sealing.

User-Friendly Interface: The machine boasts an intuitive control panel; a detailed view is displayed for ease of operation.

Programmable Convenience: Offers programmable storage for up to 30 programs, accessible with a single keystroke even after the machine is switched off, ensuring ease of use.

Optimal Performance: With 10 acceleration rates and 10 braking ramps, it prevents secondary sedimentation, ensuring superior centrifugation results.

Automatic Lid-Locking: Ensures the lid remains securely locked during rotor operation.

Rotor Flexibility: Easily exchangeable rotors enhance adaptability for varied applications.

Error Detection: Automatic troubleshooting with on-screen error code indication and alarms.

Noise Control: Utilizes patented "Mute" technology, maintaining noise levels below 55 decibels at maximum speed.

International Safety Standards: Manufactured in adherence to international safety standards like IEC 61010.

Emergency Protocols: Features electrical lid interlock, preventing lid opening while the rotor is active, and an emergency lid-lock release during power failures.

Gas Hinge: Incorporates a gas hinge for added safety during lid drop.

Over Speed Protection: Safety protocols are integrated to prevent over-speed scenarios, ensuring user-machine safety.

A Centrifuge You Can Trust:
Experience seamless operation, advanced features, and unmatched safety with our state-of-the-art centrifuge. Designed for precision, reliability, and user convenience, it stands as your trustworthy laboratory companion.

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.

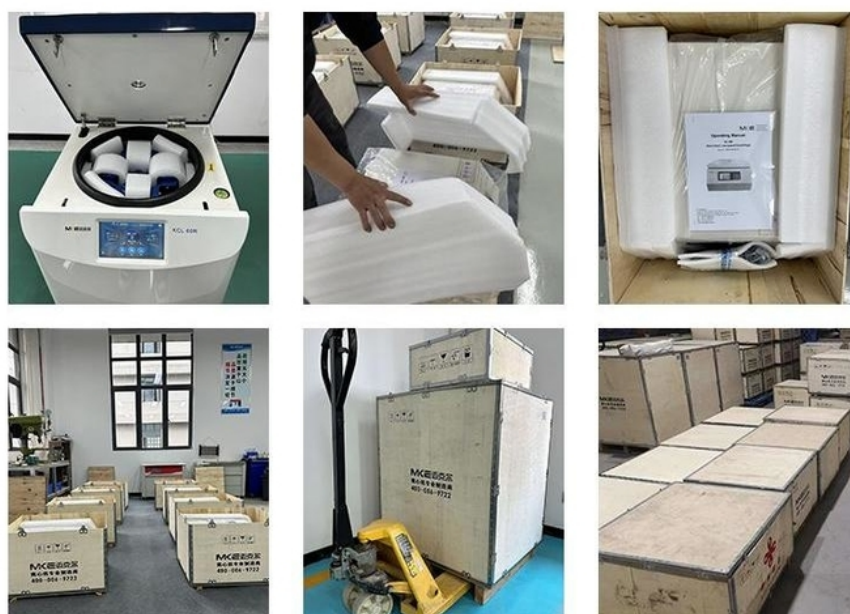


MKE Exhibition

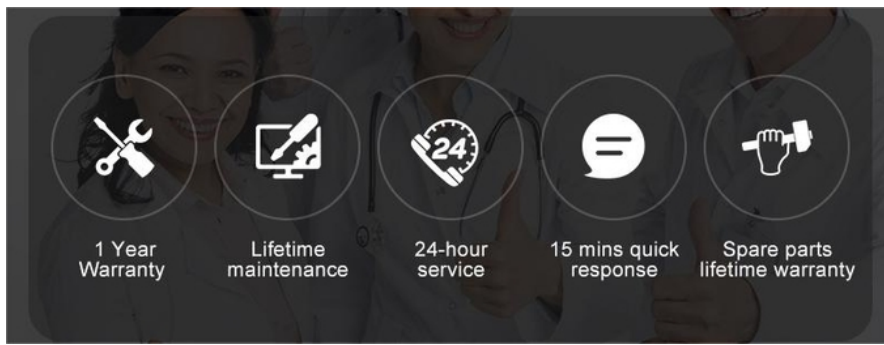


Packaging & Delivery

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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