

## Floor Standing Blood Tube Centrifuge With Automatic Decapping Function Safe Lid Lock

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-600B

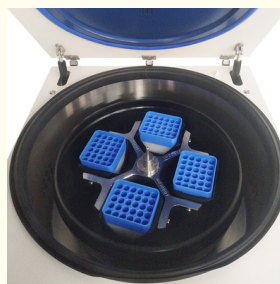


### Product Specification

- Product Type: Floor Type Tube Blood Centrifuge
- Max Capacity: 4×1000ml
- Power: 220V /110V 50Hz/60Hz 10A
- Timing Range: 1~99h59min
- Max Speed: 6000rpm
- Display: LCD
- Rcf: 4588 Xg
- Warranty: 1 Year
- Highlight: Automatic Decapping Blood Tube Centrifuge,  
Safe Lid Lock Blood Tube Centrifuge,  
Floor Standing Blood Tube Centrifuge




### More Images



## Product Description

The KC-600B floor-standing refrigerated centrifuge delivers outstanding performance and is designed to accommodate large-capacity rotors, including 4x1000ml fixed rotors and swing-out rotors. Widely used in blood banks, pharmaceutical manufacturing, biochemistry, and biological product industries, it is ideal for applications such as blood separation, protein precipitation, and cell collection. This model is CE-certified for safety and meets ISO9001 and 13485 quality standards, ensuring high-quality, reliable, and safe operation.

	<b>6000 rpm</b>	Maximum Speed
	<b>4588xg</b>	Maximum RCF
	<b>4x1000ml</b>	Maximum Capacity
	<b>≤55dB(A)</b>	Noise Level(dBA)
<p>Up to 168pcs blood tubes at at time            Unique multi-layer adapter design accommodates both 75mm and 100mm blood collection tubes.            After centrifugation, the tubes automatically decap, solves the difficult problem of manual cap removal and sample remixing, while also avoiding contamination and errors that can occur with manual operation.</p>		

### Technical Specifications:

Max. RPM / Fixed angle	6000rpm/4588xg	Speed accuracy	±10r/min
Max Capacity(ml)	4*1000ml	Noise(dBA)	≤55dB(A)
Safety lid lock	Yes	ACC/DEC	10/10 steps
Max. acceleration time [s]	15 seconds	Max. braking time [s]	15 seconds
Display	LCD	Program memory	10
Automatic rotor identification	Yes	Lid drop protection	Yes
Motorized lid open & close	Yes	Imbalance cut-off	Yes
Parameters on display window	RPM (RCF), Time, ACC, DEC	Power requirement	1200W
Time control	1s-99minutes adjustable	Power supply	AC220V,50HZ,10A
Dimension(mm)	750x620x890mm(LxWxH)	Weight without rotor (kg)	176KGS

### Matched Rotors

No.	Item	Max. capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	12x5/10/15ml	6000r/min	4588xg	PP/PC tube
	Adapter	12x2ml			PP/PC tube
NO.2	Swing bucket	4x600ml	4000r/min	3354xg	Square cup with wind cover
	Adapter	4x25x2/5ml			Vacuum blood collection tubes
	Adapter	4x12x10/15ml			PP/PC tube
	Adapter	4x5x50ml			PP/PC tube
	Adapter	4x4x100ml			PP/PC tube
NO.3	Swing bucket	4x800ml	4000r/min	3443xg	Square cup with wind cover
	Adapter	4x30x2/5ml			Vacuum blood collection tubes
	Adapter	4x16x10/15ml			PP/PC tube
	Adapter	4x6x50ml			PP/PC tube
	Adapter	4x4x100ml			PP/PC tube
	Swing bucket	6x600ml			Square cup with wind cover

NO.4	Adapter	6×25×2/5ml	4000r/min	3400xg	Vacuum blood collection tubes
	Adapter	6×12×10/15ml			PP/PC tube
	Adapter	6×5×50ml			PP/PC tube
	Adapter	6×4×100ml			PP/PC tube
NO.5	Swing bucket	4×1000ml	4000r/min	3578xg	Rhombus cup with wind cover
	Adapter	4×42×2/5ml			Vacuum blood collection tubes
	Adapter	4×18×10/15ml			PP/PC tube
	Adapter	4×7×50ml			PP/PC tube
	Adapter	4×4×100ml			PP/PC tube

### Features of Floor Standing Blood Tube Centrifuge

#### User-Friendly Features:

**Programmable Storage:** Stores up to 30 programs, allowing easy access with a single keystroke. Stored parameters remain even after centrifugation is switched off.

**Acceleration & Braking Control:** Offers 10 acceleration rates and 10 braking ramps, preventing secondary sedimentation and ensuring efficient centrifugation.

**Lid-Locking System:** Automatic lid-locking and holding during rotor operation enhances safety.

**Rotor Exchange:** Easily exchangeable rotors facilitated by a special rotor connector, simplifying loading and unloading.

**Error Handling:** Automatic troubleshooting includes on-screen error code indication and alarms for quick issue resolution.

**Noise Control:** Noise levels below 55 decibels at the highest rotational speed ensure a quiet working environment.

**Rotor Safety:** Automatic rotor identification system, utilizing coded rotor identification, prevents rotor overspeeding.

#### Design Features:

**Durable Construction:** Metal housing, metal lid, and stainless steel centrifuge chamber are autoclave-able and resistant to detergents and disinfection liquids.

**Observations Window:** Lid features a transparent window for speed calibration and noise measurement.

**Advanced Control:** Microprocessor control with frequency conversion A.C. motor drive ensures precise operations.

**Intuitive Interface:** TFT Touch Colour Screen displays Speed, Timer, RCF, Rotors, Program(Memory), Acceleration & Deceleration, and Error codes.

**Sealing Efficiency:** Double layers sealing ring for both lid and instrument ensures prolonged good sealing.

#### Safety Measures:

**Certifications:** Holds CE certification and adheres to safety standards EN61010-1 and EN 61010-2-020, and Electromagnetic Compatibility standard EN 61326-1.

**Electrical Interlock:** Safety electrical lid interlock prevents the door from opening while the rotor is running. The machine won't operate if the lid is open, displaying an error code.

**Emergency Release:** Emergency lid-lock release engages in case of a power failure, ensuring safety during unexpected power interruptions.

**Gas Hinge:** Gas hinge prevents lid drops, enhancing overall safety.

**Comprehensive Protections:** Safeguards against overspeed, overheating (motor and chamber), imbalance, etc., ensuring both user and 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

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



+86-17775883371



Shirley@mke-lab.com



mkecentrifuge.com

MKE Building, Sanhe Zhihui Industrial Park, Guyuan Road No. 426, Changsha High-tech Development Zone, Hunan, China

