

## Floor Low Temperature Control Blood Centrifuge with Brushless Motor and 6000rpm Speed Rotation

Our Product Introduction

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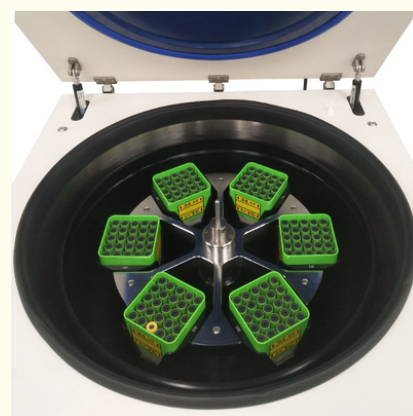
### Basic Information

- Place of Origin: China
- Brand Name: MKE
- Certification: CE, ISO, IUUV
- Model Number: DL-5M
- Minimum Order Quantity: 1
- Price: Negotiate
- Packaging Details: Plywood Box
- Delivery Time: 10-15 work days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 50 units/month



### Product Specification

- Rpm: 6000rpm
- Maxcapacity: 4\*1000ml Swing Rotor
- Acceleration: 10 Seconds
- Deceleration: 10 Seconds
- Power Supply: AC 110V/220V, 50/60Hz
- Matched Rotors: Fixed Angle Rotors, Swing Out Rotor
- Max Rcf: 4752 X G
- Temperature Control Range: -20°C~40°C
- Display: LCD
- Highlight: **Brushless Motor Blood Centrifuge, Low Temperature Control Blood Centrifuge, Floor Blood Centrifuge**



### More Images



## Product Description

The high-performance centrifuge DL-5M boasts an impressive capacity of up to 4 x 1,000 ml in its swing-out rotor design. Its versatility shines through with a wide array of buckets and adapters, accommodating tubes and flasks ranging from 0.5 ml to 1,000 ml, including microtiter plates and deep-well plates. Users particularly appreciate the option to utilize a swing-out rotor with or without a windshield, enhancing its adaptability for various applications.

Additionally, the DL-5M is equipped with a rapid and precisely adjustable refrigeration system, offering a temperature range spanning from -20°C to +40°C. Notably, its Rapid Temp quick cooling function stands out, enabling the centrifuge chamber and accessories to be efficiently pre-cooled to a specific temperature, ensuring optimal performance and reliability.

### Technical Specifications:

Max.speed	6000rpm	Max.rcf	4752×g
Max.capacity	4×1000ml	Speed accuracy	±10rpm
Motor	Frequency Converter motor	Timer range	1s~99min
Temp.range (at RT 25°C)	-20°C~40°C	Temp accuracy	±1°C
Display	LCD	Noise	<58dB(A)
Dimension	810×670×890mm(L×W×H)	Acceleration/Deceleration rates/Deceleration rates/Deceleration rates	1-- 10
Power supply	AC220V,50Hz, 10A,1800W	Weight	200kg

### Matched Rotors

No.	Rotor	Capacity	Max.speed	Max. RCF	Note
NO.1	Angle rotor	12×15ml/10/5ml	6000r/min	4588xg	PP/PC tube
	Adaptor	12×2ml			PP/PC tube
NO.2	Swing rotor	steel frame rotor	5000r/min	4752xg	PP/PC tube
	Swing frame	4×100ml			PP/PC tube
	Adaptor	4×15/10ml			PP/PC tube
	Swing frame	4×50ml			PP/PC tube
	Adaptor	4×15/10ml			PP/PC tube
NO.3	Swing rotor	steel rotor	4000r/min	3041xg	PP/PC tube
	Swing frame	4×2×100ml			PP/PC tube
	Adaptor	4×2×15/10ml			PP/PC tube
	Swing frame	4×2×50ml			PP/PC tube
	Adaptor	4×2×15/10ml			PP/PC tube
	Swing frame	4×8×15/10/5ml			PP/PC tube
	Rack	4×12×5/2ml			Vacuum blood collection tubes
NO.4	Swing rotor	4X18×5/2ml	4000r/min	2773xg	Vacuum blood collection tubes
NO.5	Swing bucket	4×600ml	4000r/min	3354xg	Square cup with wind cover
	Adapter	4×25×5/2ml			Vacuum blood collection tubes
	Adapter	4×12×15/10ml			PP/PC tube
	Adapter	4×5×50ml			PP/PC tube
	Adapter	4×4×100ml			PP/PC tube
NO.6	Swing bucket	6×600ml	4000r/min	3400xg	Square cup with wind cover
	Adapter	6×25×5/2ml			Vacuum blood collection tubes
	Adapter	6×12×15/10ml			PP/PC tube
	Adapter	6×5×50ml			PP/PC tube
	Adapter	6×4×100ml			PP/PC tube
NO.7	Swing bucket	4×500ml	4000r/min	3354xg	Round cup with wind cover
	Adapter	4×17×5/2ml			Vacuum blood collection tubes
	Adapter	4×8×15/10ml			PP/PC tube
	Adapter	4×3×50ml			PP/PC tube
	Adapter	4×100ml			PP/PC tube
NO.8	Swing bucket	6×500ml	4500r/min	4324xg	Round cup with wind cover
	Adapter	6×17×5/2ml			Vacuum blood collection tubes
	Adaptor	6×8×15/10ml			PP/PC tube
	Adapter	6×3×50ml			PP/PC tube
	Adapter	6×100ml			PP/PC tube
	Swing bucket	4×800ml			Square cup with wind cover

NO.9	Adapter	4×30×5/2ml	4000r/min	3443xg	Vacuum blood collection tubes
	Adapter	4×16×15/10ml			PP/PC tube
	Adapter	4×6×50ml			PP/PC tube
	Adapter	4×4×100ml			PP/PC tube
NO.10	Swing bucket	4×750ml	4500r/min	4437xg	Round cup
	Adapter	4×26×5/2ml			Vacuum blood collection tubes
	Adapter	4×13×15/10ml			PP/PC tube
	Adapter	4×5×50ml			PP/PC tube
NO.11	Adapter	4×3×100ml	4000r/min	3578xg	PP/PC tube
	Swing bucket	4×1000ml			Rhombus cup with wind cover
	Adapter	4×42×5/2ml			Vacuum blood collection tubes
	Adapter	4×23×15/10ml			PP/PC tube
NO.12	Adapter	4×7×50ml	4200r/min	3284xg	PP/PC tube
	Adapter	4×4×100ml			PP/PC tube
	Microplate rotor	4×2×96hole			Square cup 4*2*96 deep well plate 4*4*96 shallow well plate
	Adapter	4×32×1.5ml			PP/PC tube

### Features

The centrifuge is built with a robust high-quality steel structure and features a blast-proof steel chamber and autoclave-able 304# stainless steel components, making it resistant to detergents and disinfection liquids. Its smooth operation is ensured by a flexible shaft drive system, driven by a frequency conversion motor controlled by a microprocessor. The centrifuge's performance is displayed and controlled via a user-friendly 7-inch touch screen, offering detailed information on speed, timer, RCF, rotors, program settings, acceleration, deceleration, and error codes.

The large capacity rotor body, equipped with a windshield, reduces rotor resistance and extends the motor's service life. Double-layer silicone seal rings on the door cover and body maintain a tight seal.

In terms of functionality, this floor standing low speed refrigerated centrifuge features a CFC-free compressor with a pre-cooling function and double-cycle refrigeration, ensuring precise temperature control within a range of -20°C to 40°C. It allows for the storage of up to 30 programs, enabling easy access with one-touch saving. Ten-speed acceleration and deceleration curves are available to prevent secondary sedimentation, optimizing the centrifugation process.

Safety is paramount, and the centrifuge complies with international safety regulations (e.g., IEC 61010). It incorporates an electrical lid interlock, preventing the door from opening while the rotor is running and ensuring the machine won't operate if the lid is open or if errors occur. In the event of a power failure, an emergency lid-lock release mechanism is in place. A gas hinge protects against lid drops, and various safety features are integrated to prevent over-speed, over-heating, imbalance, and other issues, guaranteeing the safety of both the operator and the machine.

### 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.**



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