

## Low Noise Laboratory Centrifuge for Large Capacity Samples Test Analytics Use Max Speed 6000rpm

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: DD-5M

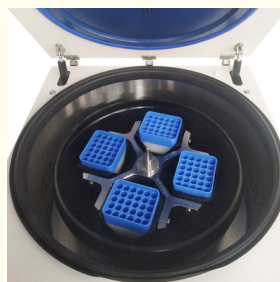


### Product Specification

- Product Type: Floor Large Samples Laboratory Centrifuge
- Matched Rotors: Fixed Angle Rotors And Swing Rotors
- Max Capacity: 4 X 1000ml
- Maxrcf: 4752xg
- Programmable Settings: Up To 30 Programs
- Deceleration/Acceleration: 11 Levels
- Max Speed: 6000 Rpm
- Power Requirements: 110V-240V, 50/60Hz
- Highlight: Large Capacity Laboratory Centrifuge, 6000rpm Laboratory Centrifuge, Low Noise Laboratory Centrifuge



### More Images



## Product Description

### Description

This floor large capacity centrifuge DD-5M features an outstanding capacity, fitting up to 4 x 1,000 ml in its swing-out rotor. It provides versatility with a variety of buckets and adapters, supporting tubes and flasks from 0.5 ml to 1,000 ml, as well as microplate rotors and deep-well plates. Users appreciate its flexibility, as the swing-out rotor can be used with or without a windshield to suit different applications.

### Technical Specifications:

Max.speed	6000rpm	Max.rcf	4752×g
Max.capacity	4×1000ml	Speed accuracy	±10rpm
Motor	Frequency Converter motor	Timer range	1s~99min
Display	TFT	Noise	<58dB(A)
Dimension	720×620×890mm(L×W×H)	Acceleration/Deceleration rates/Deceleration rates/Deceleration rates	1-- 10
Power supply	AC220V,50Hz, 15A,1200W	Weight	135kg

### Features

#### User-Friendly Features:

Programmable and storable, allowing storage of up to 30 programs accessible with a single keystroke. Stored parameters remain even after the centrifugation is switched off.  
Offers 10-speed acceleration and deceleration curves, effectively preventing secondary sedimentation and ensuring superior centrifugation performance.  
Automatic lid-locking and holding during rotor operation, ensuring safety and ease of use.  
Easily exchangeable rotors with a special rotor connector for convenient loading and unloading.  
Incorporates a self-diagnostic system with high-strength chamber-coating and protective features.  
"Mute" patented technology ensures quiet operation, with noise levels below 58 decibels even at maximum speed.  
Automatic rotor identification system utilizes coded rotor identification to prevent overspeeding, enhancing safety.

### Design

Robust steel structure with an integrated blast-proof steel chamber; the 304# stainless steel chamber is autoclave-able and resistant to detergents and disinfection liquids.  
Microprocessor control and flexible shaft drive system ensure smooth operation, minimal vibration, and low noise levels.  
Utilizes frequency conversion motor drive, microcomputer control, and features a user-friendly 7-inch touch screen display for intuitive operation.  
Observations window on the lid for speed calibration and noise measurement, enhancing user convenience.  
Large-capacity rotor body with wind cover reduces rotor resistance, extending the motor's service life.  
Equipped with double-layer silicone seal rings on the door cover and body for enhanced sealing.

### Safety Standards and Certifications:

Complies with CE safety standards (EN61010-1 and EN 61010-2-020) and electromagnetic compatibility regulations (EN 61326-1).  
Safety electrical lid interlock prevents the door from opening while the rotor is running and halts machine operation if the lid is open, displaying an error code for quick diagnosis.  
Emergency lid-lock release engages in the event of a power failure, ensuring safe and timely access to the centrifuge.  
Gas hinge on the lid provides drop protection and enhances user safety.  
Multiple safety features are implemented to safeguard against overspeed, motor and chamber overheating, imbalance, etc., ensuring the safety of both users and the machine.

### Matched Rotors

No.	Rotor	Capacity	Max.speed	Max. RCF	Note
NO.1	Angle rotor	12×5/10/15ml	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	4×10/15ml			PP/PC tube
	Swing frame	4×50ml			PP/PC tube
	Adaptor	4×10/15ml			PP/PC tube
NO.3	Swing rotor	steel rotor	4000r/min	3041xg	PP/PC tube
	Swing frame	4×2×100ml			PP/PC tube
	Adapter	4×2×10/15ml			PP/PC tube
	Swing frame	4×2×50ml			PP/PC tube
	Adapter	4×2×10/15ml			PP/PC tube
	Swing frame	4×8×5/10/15ml			PP/PC tube
	Rack	4×12×2/5ml			Vacuum blood collection tubes
NO.4	Swing rotor	4×18×2/5ml	4000r/min	2773xg	Vacuum blood collection tubes

NO.5	Swing bucket	4×600ml	4000r/min	3354xg	Square cup with wind cover
	Adapter	4×25×2/5ml			Vacuum blood collection tubes
	Adapter	4×12×10/15ml			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	6×25×2/5ml			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.7	Swing bucket	4×500ml	4000r/min	3354xg	Round cup with wind cover
	Adapter	4×17×2/5ml			Vacuum blood collection tubes
	Adapter	4×8×10/15ml			PP/PC tube
	Adapter	4×3×50ml			PP/PC tube
	Adapter	4×100ml			PP/PC tube
NO.8	Swing bucket	6×500ml	4000r/min	3400xg	Round cup with wind cover
	Adapter	6×17×2/5ml			Vacuum blood collection tubes
	Adapter	6×8×10/15ml			PP/PC tube
	Adapter	6×3×50ml			PP/PC tube
	Adapter	6×100ml			PP/PC tube
NO.9	Swing bucket	4×800ml	4000r/min	3443xg	Square cup with wind cover
	Adapter	4×30×2/5ml			Vacuum blood collection tubes
	Adapter	4×16×10/15ml			PP/PC tube
	Adapter	4×6×50ml			PP/PC tube
	Adapter	4×4×100ml			PP/PC tube
NO.10	Swing bucket	4×750ml	4000r/min	3443xg	Round cup with wind cover
	Adapter	4×26×2/5ml			Vacuum blood collection tubes
	Adapter	4×13×10/15ml			PP/PC tube
	Adapter	4×5×50ml			PP/PC tube
	Adapter	4×3×100ml			PP/PC tube
NO.11	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
NO.12	Microplate rotor	4×2×96hole	4200r/min	3284xg	Square cup 4*2*96 shallow well plate 4*1*96 deep well plate
	Adapter	4×32×1.5ml		3284xg	PP/PC tube

## **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.



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