

Floor Speed Adjustable Low Speed Centrifuge With Angle Rotor And Swing Bucket Rotor

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MKE
- Certification: CE, ISO, IUUV
- Model Number: DD-5M

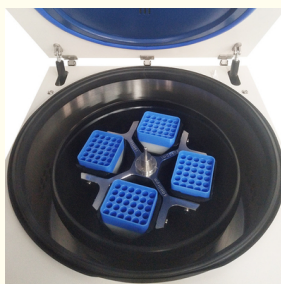


Product Specification

- Product Type: Floor Speed Adjustable Low Speed 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: Angle Rotor Low Speed Centrifuge, Swing Bucket Rotor Low Speed Centrifuge, Floor Speed Adjustable Low Speed 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

Matched Rotors

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

NO.9	Adapter	4×30×2/5ml	4000r/min	3443xg	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
NO.11	Adapter	4×3×100ml	4000r/min	3578xg	PP/PC tube
	Swing bucket	4×1000ml			Rhombus cup with wind cover
	Adapter	4×42×2/5ml			Vacuum blood collection tubes
	Adapter	4×18×10/15ml			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 shallow well plate
	Adapter	4×32×1.5ml			4*1*96 deep well plate
				3284xg	PP/PC tube

Features of Floor Low Speed Centrifuge DD-5M

User-Friendly

Programmable Storage: Allows storage of up to 30 programs, each accessible with a single keystroke, with saved parameters retained even after power-off.

10-Stage Speed Control: Offers 10-speed acceleration and deceleration curves, effectively preventing secondary sedimentation for optimal centrifugation.

Automatic Lid Locking: Ensures safety and ease of use with an auto-locking lid that secures during rotor operation.

Quick-Change Rotors: Equipped with a specialized connector for easy rotor loading and unloading.

Self-Diagnostic System: Features a durable, high-strength chamber coating with integrated protective elements.

Patented Quiet Operation: "Mute" technology keeps noise below 58 decibels, even at top speeds.

Rotor Identification System: Automatically identifies rotor type with coded technology, preventing overspeed for enhanced safety.

Design:

Durable Structure: Built with a robust steel frame and an integrated blast-proof, autoclave-compatible 304# stainless steel chamber, resistant to detergents and disinfectants.

Precision Control: Microprocessor-controlled flexible shaft drive system ensures smooth, low-vibration, and quiet operation.

Advanced Interface: Includes a frequency conversion motor drive, microcomputer control, and a 7-inch touch screen for intuitive user interaction.

Observation Window: Built into the lid for easy speed calibration and noise assessment.

Enhanced Rotor Body: Large-capacity design with wind cover minimizes rotor resistance, extending motor life.

Double-Layer Seal Rings: Features dual silicone seals on the door cover and body for improved sealing.

Safety Standards and Certifications:

CE Compliance: Meets CE safety standards (EN61010-1 and EN61010-2-020) and electromagnetic compatibility regulations (EN61326-1).

Secure Electrical Interlock: Prevents the door from opening while the rotor is in motion, stopping the machine if opened and displaying error codes for rapid diagnosis.

Emergency Lid Release: Engages during a power failure, allowing safe access to the centrifuge.

Gas-Assist Hinge: Provides lid drop protection, enhancing user safety.

Comprehensive Safety Protections: Built-in safeguards against overspeed, overheating, imbalance, and more, ensuring the safety of both users and equipment.

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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