

High-Capacity Floor-Standing Refrigerated Centrifuge for Precision Scientific Applications

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MKE
- Certification: CE, ISO, IUUV
- Model Number: GR-80C



Product Specification

- Parameters Display: All Parameters Displayed On The LCD
- Temperature Accuracy: $\pm 1^{\circ}\text{C}$
- Rpm: 8000
- Rotor: Angle Rotor
- Rotor Material: Titanium Alloy And Aluminum Alloy
- Speed Accuracy: $\pm 10\text{rpm}$
- Timer: 1-99 Minutes
- Warranty: 1 Year
- Acceleration Profiles: 1~10
- Maximum Capacity: 6x1000ml
- Highlight: Floor Standing Refrigerated Centrifuge, High Capacity Refrigerated Centrifuge, Precision Refrigerated Centrifuge



More Images



Product Description

The Floor-Standing Refrigerated Centrifuge GR-80C is designed to handle large capacity rotors, including a 6x1000ml fixed-angle rotor and swing-out rotors. Its versatility makes it widely applicable in blood banks, pharmaceutical manufacturing, biochemistry, and the production of biological products. This centrifuge is ideal for tasks such as blood separation, protein precipitation, and cell collection. Built to meet high safety and quality standards, it is CE certified and complies with ISO9001 and ISO13485 certifications, ensuring reliable and efficient operation in various laboratory settings.

Technical Specification

Max. Speed	8000rpm	Motor	AC frequency conversion motor, direct drive
Speed accuracy	±10rpm	Screen	Touch LCD color+digital screen
Max.Capacity	6x1000ml	Control	advanced CPU control system
Max. RCF	11880xg	Timer range	1s~99min
Daily use program	30	Temp accuracy	±1℃
Temp.range (at RT 25℃)	20℃~40℃	Acceleration/Deceleration Rate	10
Noise	60dB(A)	Refrigerant	R404A
Net weight	270kg	Dimension	860×730×1200mm(L×W×H)
Power supply	AC220v 50Hz 30A,6000w		

Matched Rotors

No.	Rotor	Capacity	Max.speed	Max. RCF	Note
NO.1	Fixed Angle Rotor	6x500ml	8000r/min	11880xg	PP/PC tube
NO.2	Fixed Angle Rotor	6x1000ml	7000r/min	11630xg	PP/PC tube

Features

Durable Construction: The autoclave-able steel body and stainless steel chamber, combined with a robust aluminum alloy rotor, offer exceptional sealing and sterilization resistance.

Precise Operation: A microprocessor control system paired with a frequency conversion motor drive ensures accurate and reliable performance.

Observation Window: An integrated observation window in the lid allows for easy speed calibration and noise measurement during operation.

User-Friendly Display: A large touch color screen shows essential information, including speed, timer, RCF, rotor details, program settings, acceleration and deceleration rates, and error codes.

Wind Cover Shield: The wind cover shield protects specimens from air currents, promoting accurate and consistent results.

Environmentally Friendly Cooling: The CFC-free cooling system features high-efficiency refrigeration and dual circuit control for precise temperature management.

Programmable Functionality: The centrifuge can store up to 30 customizable programs, easily accessible with a single keystroke, with parameters retained even after power-off.

Efficient Centrifugation: It offers 10 acceleration and deceleration curves to minimize secondary sedimentation and enhance centrifugation efficiency.

Safety Features: Automatic lid-locking during operation ensures safety. The emergency lid-lock release function allows safe access during power outages.

Easy Rotor Exchange: The centrifuge features easily interchangeable rotors with a special connector for quick loading and unloading.

Self-Diagnostic System: A high-strength chamber coating and protective measures ensure durability and reliability, with an advanced self-diagnostic system in place.

Quiet Operation: "Mute" patented technology maintains noise levels below 58 decibels, ensuring a quiet working environment.

Automatic Functions: The system automatically converts RPM to RCF and identifies rotors, preventing overspeed and enhancing operational safety.

Compliance with Safety Standards: Manufactured according to international safety regulations, including IEC 61010, ensuring user protection.

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.

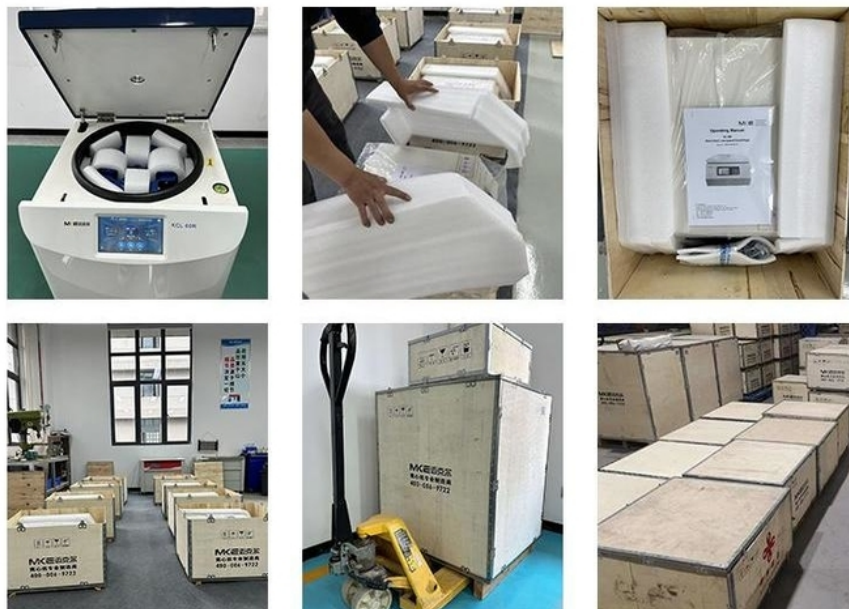


MKE Exhibition

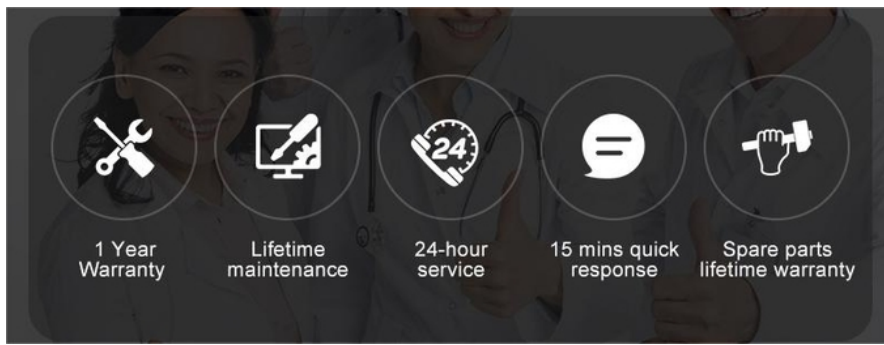


Packaging & Delivery

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: 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.

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.



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.



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