

Multiple Use Large Capacity Refrigerated Centrifuge 20000rpm with Swing out Rotors

Our Product Introduction

for more products please visit us on mkecentrifuge.com

Basic Information

- Place of Origin: China
- Brand Name: MKE
- Certification: CE, ISO, IUUV
- Model Number: VL-200R

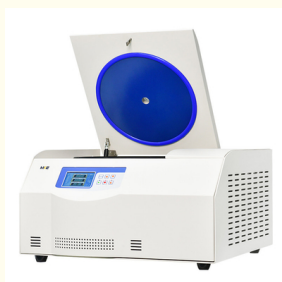


Product Specification

- Rotor Material: Titanium Alloy And Aluminum Alloy
- Matched Rotors: Fixed Angle Rotors And Swing Rotors
- Temperature Range: -20 ~ 40°C
- Motor: Frequency Brushless Motor
- Max Capacity: 4*750ml Buckets Rotors
- Parameters Display: All Parameters Displayed On The LCD
- Product: High Speed Refrigerated Centrifuge
- Max Rpm: 20000 Rpm
- Programmable Operations: 30
- Highlight: **20000rpm Refrigerated Centrifuge, Swing out Rotors Refrigerated Centrifuge, Large Capacity Refrigerated Centrifuge**



More Images



Product Description

Application:

The combination of high speed and refrigeration capabilities ensures precise temperature control during centrifugation, preserving sample integrity and allowing for sensitive experiments and analyses.

They are essential for separating substances of different densities in biological and chemical samples, such as DNA, proteins, and cells. These centrifuges are particularly valuable in fields like molecular biology, biochemistry, and clinical diagnostics, enabling researchers to isolate and purify target components efficiently.

Technical Specification

Speed range(rpm)	0-20000rpm adjustable	Time range	1-99minutes 59s adjustable
Max Capacity(ml)	4*750ml	Speed accuracy	±10r/min
RCF range (xg)	0-28174xg adjustable	ACC/DEC	1-10 rates
Temperature control range	-20°C +40°C	Temperature control accuracy	±1°C
Noise(dBA)	≤58dB(A)	Net weight(without rotor)	110KGS
Refrigerant	R404A	Power supply	AC220V,50HZ,10A, 1300W
Dimension(mm)	680x580x420mm(LxWxH)		

Features

Design

Intelligent microprocessor control system that can display set and actual parameters simultaneously.

Frequency conversion A.C. motor drive,maintenance-free.

304# Stainless steel centrifuging chamber.

Housing and lid of metal finished in a scratch and impact resistant coating.

Aluminium alloy fixed angle rotor, stainless steel swing out rotor.

Rotors and buckets are autoclavable and corrosion-free.

Durable chassis with steel armored chamber and steel layered lid.

Smooth tube insertion and removal facilitated by precisely carved holes in rotors and buckets.

User friendly

LCD/TFT display panel for optional, and highly visible display screen.

CFC-free refrigerant.

RTC (Real-Time Control) Function

PID dynamic temperature control.

Temperature range from -20°C to 40°C in 1°C steps.

Reversible parameters during operation

Up to 30 program memory and easily retrieved.

Last set parameters recall(useful for repetitive analysis)

Adjustable Accel/Decel, 10 acceleration and 10 deceleration ramps.

Automatic lid-locking and holding during rotor run.

Viewing port in the lid for speed calibration and noise measurement.

Safety

Automatic RFID rotor identification with over-speed protection.

Active imbalance detection and shutdown.

Safety lid interlock to prevent lid opening during centrifugation

Lid drop protected construction and fine control of lid opening.

Emergency door lock release enables opening in case of power failure or sudden stoppages.

Matched Rotors

No.	Item	Max. capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	12x1.5/2.2ml	20000r/min	28174xg	PP/PC tube
	Adapter	12x0.5ml			PP/PC tube
	Adapter	12x0.2ml			PP/PC tube
NO.2	Angle rotor	12x5ml	17000r/min	20680xg	PP/PC tube
	Adapter	12x1.5ml			PP/PC tube
NO.3	Angle rotor	24x1.5/2.2ml	16000r/min	24041xg	PP/PC tube
	Adapter	24x0.5ml			PP/PC tube
	Adapter	24x0.2ml			PP/PC tube
NO.4	Angle rotor	10x15ml	15000r/min	26161xg	PP/PC tube
	Adapter	10x10ml			PP/PC tube
	Adapter	10x5ml			PP/PC tube
	Adapter	10x1.5ml			PP/PC tube
	Angle rotor	48x1.5/2.2ml			PP/PC tube

NO.5	Adapter	48x0.5ml	15000r/min	23394xg	PP/PC tube
	Adapter	48x0.2ml			PP/PC tube
NO.6	Angle rotor	12x10ml	15000r/min	21130xg	PP/PC tube
	Adapter	12x5ml			PP/PC tube
	Adapter	12x1.5ml			PP/PC tube
NO.7	Angle rotor	6x50ml	14000r/min	21255xg	PP/PC tube
	Adapter	6x15ml			PP/PC tube
	Adapter	6x10ml			PP/PC tube
	Adapter	6x1.5ml			PP/PC tube
NO.8	Angle rotor	6x100ml	11000r/min	14610xg	PP/PC tube
	Adapter	6x50ml			PP/PC tube
	Adapter	6x15ml			PP/PC tube
	Adapter	6x10ml			PP/PC tube
	Adapter	6x5ml			PP/PC tube
	Adapter	6x1.5ml			PP/PC tube
NO.9	Angle rotor	8x50ml	12000r/min	17226xg	PP/PC tube
	Adapter	8x15ml			PP/PC tube
	Adapter	8x10ml			PP/PC tube
	Adapter	8x1.5ml			PP/PC tube
NO.10	Swing bucket	4x250ml	4000r/min	3049xg	Round cup
	Adapter	4x9x5/2ml			PP/PC tube
	Adapter	4x5x15/10ml			PP/PC tube
	Adapter	4x50ml			PP/PC tube
	Adapter	4x100ml			PP/PC tube
	Adapter	4x9x1.5ml			PP/PC tube
NO.11	Swing bucket	4x400ml	4000r/min	3049xg	Square cup
	Adapter	4x16x5/2ml			PP/PC tube
	Adapter	4x9x15/10ml			PP/PC tube
	Adapter	4x4x50ml			PP/PC tube
	Adapter	4x100ml			PP/PC tube
	Adapter	4x15x1.5ml			PP/PC tube
NO.12	Swing bucket	4x500ml	4000r/min	3354xg	Round cup
	Adapter	4x17x5/2ml			PP/PC tube
	Adapter	4x8x15/10ml			PP/PC tube
	Adapter	4x3x50ml			PP/PC tube
	Adapter	4x100ml			PP/PC tube
NO.13	Swing bucket	4x600ml	4000r/min	3354xg	Square cup
	Adapter	4x25x5/2ml			PP/PC tube
	Adapter	4x12x15/10ml			PP/PC tube
	Adapter	4x5x50ml			PP/PC tube
	Adapter	4x4x100ml			PP/PC tube
	Swing bucket	4x750ml			Round cup

NO.14	Adapter	4×26x5/2ml	4000r/min	3443xg	PP/PC tube
	Adapter	4×13x15/10ml			PP/PC tube
	Adapter	4×5x50ml			PP/PC tube
	Adapter	4×3x100ml			PP/PC tube
NO.15	Microplate rotor	2×2×96 hole	4200r/min	2860xg	Square cup
	Adapter	2×32×1.5ml			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.

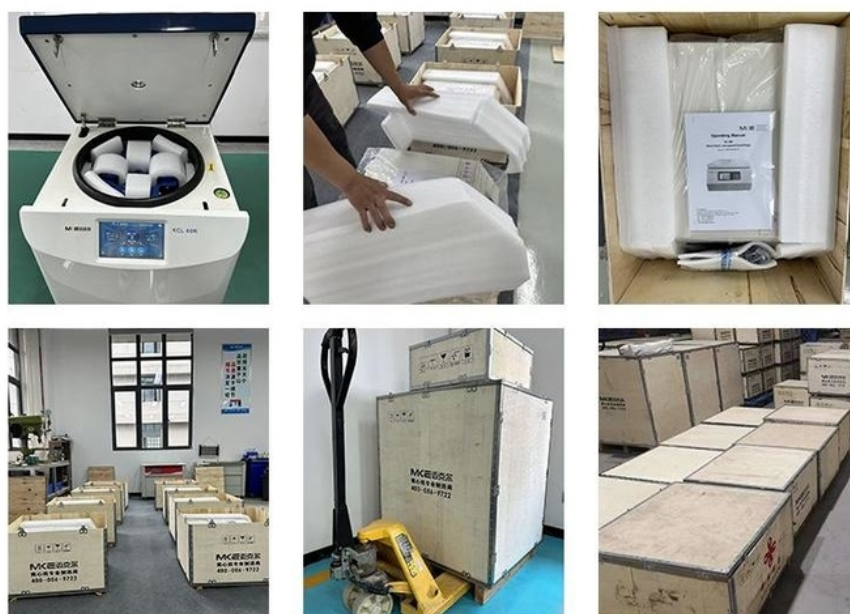


MKE Exhibition



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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