

Precision Temperature Controlled Refrigerated Centrifuge with Low Noise with 12x10ml Capacity

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MKE
- Certification: CE, ISO, IUUV
- Model Number: VL-220R

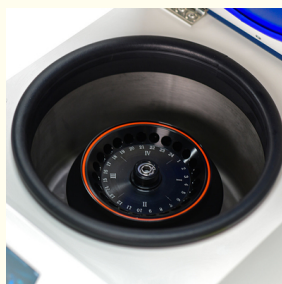


Product Specification

- Product Type: Temperature Controlled Refrigerated Centrifuge
- Rpm: 21000
- Max Rcf: 31061xg
- Maximum Capacity: 12x10ml
- Timer: 1min To 99h 59min
- Temperature Accuracy: $\pm 1^{\circ}\text{C}$
- Warranty: 1 Year
- Matched Rotors: Fixed Angle Rotors
- Parameters: Speed, timer, RCF, temperature, rotors
- Application: Medical Center, Laboratory Research
- Certifications: CE, ISO
- Motor: Brushless AC Motor
- Material: High Quality Material
- Highlight: **Low Noise Refrigerated Centrifuge, Precision Temperature Controlled Refrigerated**



More Images



Product Description

Technical Specifications

Speed range(rpm)	0-21000rpm adjustable	Time range	1-99minutes adjustable
Max Capacity(ml)	12*10ml	Speed accuracy	±10r/min
RCF range (xg)	0-31061xg 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)	42KGS
Power supply	AC220V,50HZ,10A, 650W	Dimension(mm)	560x340x330mm(LxW xH)

Matched Rotors(Customized rotors are available)

No.	Item	Max. capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	12x1.5/2.2ml	21000r/min	31061xg	PP/PC tube
	Adapter	12x0.5ml			PP/PC tube
	Adapter	12x0.2ml			PP/PC tube
NO.2	Angle rotor	12x5ml	16500r/min	19480xg	PP/PC tube
	Adapter	12x1.5ml			PP/PC tube
NO.3	Angle rotor	24x1.5/2.2ml	14000r/min	18407xg	PP/PC tube
	Adapter	24x0.5ml			PP/PC tube
	Adapter	24x0.2ml			PP/PC tube
NO.4	Angle rotor	12x8x0.2ml	12000r/min	16985xg	PCR8 joint pipe
NO.5	Angle rotor	12x10ml	15000r/min	21130xg	PP/PC tube
	Adapter	12x5ml			PP/PC tube
	Adapter	12x1.5ml			PP/PC tube

Description

The high-speed refrigerated centrifuge VL-220R finds its primary application in scientific research and medical laboratories, where it excels at separating substances with varying densities within a sample. Its key feature is the built-in refrigeration system, enabling precise temperature control during the separation process. This capability is crucial for preserving the integrity of specific samples, ensuring accurate and reliable results in various scientific and medical experiments.

Features

Durable Construction: The external case is made of alloy, featuring a robust 304 stainless steel bowl and centrifuge chamber, both autoclavable and resistant to detergents and disinfectants.

Precision Control: Equipped with a microprocessor control system, this centrifuge boasts a frequency conversion A.C. motor drive, ensuring accurate and stable performance. The TFT touchscreen display provides detailed parameters, including Speed, Timer, RCF, Rotors, Program (Memory), Acceleration & Deceleration information, and Error codes.

User-Friendly Interface: The machine offers a user-friendly interface, showcased in the attached detailed operation panel image.

Efficient Cooling System: Utilizing a CFC-free refrigeration system, it incorporates a pre-cooling feature and can maintain precise temperatures down to -20°C, ensuring optimal sample preservation.

Programmable Convenience: This centrifuge allows programming and storage of up to 30 different protocols. Stored parameters, including combinations, are retained even after the centrifuge is powered off.

Customizable Settings: With 10 acceleration rates and 10 braking ramps, this centrifuge minimizes secondary sedimentation, delivering superior results.

Safe Operation: The centrifuge features an automatic lid-locking mechanism during rotor operation, ensuring user safety.

Rotors are easily interchangeable thanks to a specially designed rotor connector, simplifying loading and unloading.

Intelligent Troubleshooting: Automatic troubleshooting, indicated by error codes and alarms on the screen, streamlines maintenance and issue resolution.

Quiet Operation: Utilizing patented "Mute" technology, this centrifuge operates quietly, generating noise levels lower than 58 decibels even at maximum rotational speed.

Smart Rotor Management: The centrifuge incorporates an automatic rpm/rcf conversion system and rotor identification technology. The coded rotor identification prevents over-speeding, enhancing safety and efficiency.

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.

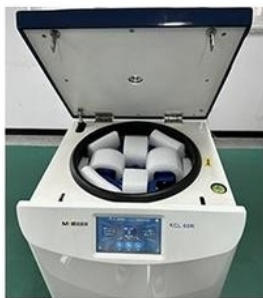


MKE Exhibition

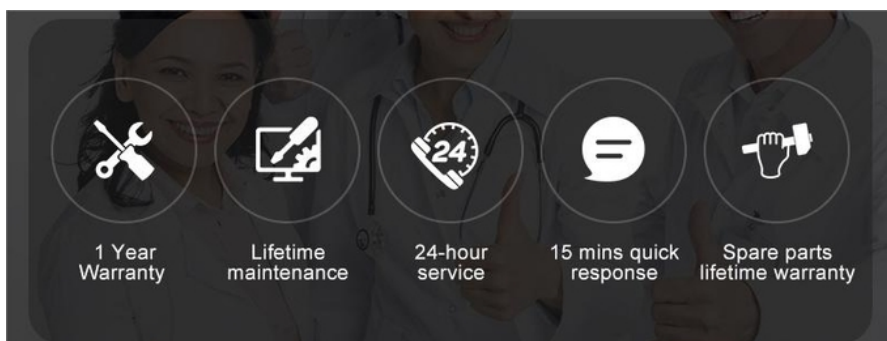


Packaging & Delivery

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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