

## 20000rpm Refrigerated Centrifuge With USB Memory Storage and Customized Programs

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: MKE
- Certification: CE, ISO, IUUV
- Model Number: VCK-20R



### Product Specification

- Temperature Accuracy:  $\pm 1^{\circ}\text{C}$
- Product Type: High Speed Refrigerated Centrifuge For Large Capacity Labs Use
- Parameters: Speed, timer, RCF, temperature, rotors
- Rotor: Angle Rotor And Swing Bucket Rotor
- Power Requirements: 110/220V, 50Hz/60Hz
- Max Rpm: 20000 Rpm
- Maximum Rcf: 19956 Xg
- Max Capacity: 4\*750ml
- Motor: Brushless Motor
- Temperature Range:  $-20^{\circ}\text{C}$  To  $40^{\circ}\text{C}$
- Programmable Memory: 30 Programs
- Control: Microprocessor Based
- Highlight: **USB Memory Storage Refrigerated Centrifuge, 20000rpm Refrigerated Centrifuge, Customized Programs Refrigerated Centrifuge**



### More Images



## Product Description

### Description

The VCK-20R centrifuge is unparalleled in capacity, featuring a maximum of 4x750ml swing-out rotor options. Its versatility is further enhanced by a diverse selection of fixed-angle and swing-out rotors, along with a wide array of accessories, including buckets and adapters, some configured for bio-safety purposes.

This centrifuge accommodates tube capacities ranging from 0.2ml to 250ml in fixed-angle rotors and 2ml to 750ml in swing-out rotors. Additionally, it can centrifuge microtiter plates and deepwell plates, expanding its usability even further.

This exceptional compatibility with various specimen tubes offers incredible versatility, making it suitable for an extensive range of tasks, including high-throughput applications. Whether you're dealing with small-volume samples or large-scale assays, the VCK-20R centrifuge delivers unmatched performance and adaptability for your laboratory needs.

### Tech Specs

Speed range(rpm)	0-20000rpm adjustable	Time range	1-99minutes adjustable
Max Capacity(ml)	4*750ml	Speed accuracy	±10r/min
RCF range (xg)	0-28174xg adjustable	ACC/DEC	1-10 rates
Temperature control range	-9°C +35°C	Temperature control accuracy	±1°C
Noise(dBA)	≤58dB(A)	Net weight(without rotor)	110KGS
Power supply	AC220V,50HZ,10A, 1300W	Dimension(mm)	735x730x360mm(LxW xH)

#### MKE VCK-20R is Present Bio-Safety Excellence:

Gas-tight head for high-temp sterilization

UV function in the centrifugal cavity

#### Data Communication, password enabled lock and unlock function

Traceability function: **USB interface**, traceable to more than 1000 sets of centrifugal data.

### Features of High Speed Refrigerated Centrifuge MKE VCK-20R

#### 1. Durable Construction:

Alloy external case, 304 stainless steel bowl, and stainless steel centrifuge chamber are autoclave-able and resistant to detergents and disinfection liquids.

#### 2. Precision Control:

Microprocessor control with frequency conversion A.C. motor drive ensures accurate and consistent performance.

#### 3. Intuitive User Interface:

7-inch TFT touch color screen displays Speed, Timer, RCF, Rotors, Program(Memory), Acceleration & Deceleration information, and Error codes.

Observations window on the lid for speed calibration and noise measurement, enhancing user experience.

#### 4. Enhanced Safety Measures:

Double layers sealing ring for long-lasting sealing integrity.

Bio-safety features include a gas-tight rotating head for high-temperature sterilization and a centrifugal cavity with ultraviolet sterilization function.

#### 5. Optimal Performance:

Offers 10 acceleration rates and 10 braking ramps, effectively preventing secondary sedimentation for superior centrifugation results.

Automatic lid-locking and holding during rotor operation enhance safety.

#### 6. User-Friendly Design:

Easily exchangeable rotors with a special connector for effortless loading and unloading.

Automatic troubleshooting with error code indications and alarms displayed on-screen.

"Mute" patent technology ensures quiet operation, with noise levels below 58 decibels at maximum rotational speed.

### Matched Rotors

No.	Rotor	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	19000r/min	25830xg	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	12x10ml	15000r/min	21130xg	PP/PC tube
	Adapter	12x5ml			PP/PC tube
	Adapter	12x1.5ml			PP/PC tube

NO.5	Angle rotor	10×15ml	15000r/min	26161xg	PP/PC tube
	Adapter	10×5ml			PP/PC tube
	Adapter	10×1.5ml			PP/PC tube
NO.6	Angle rotor	6×50ml	14000r/min	21255xg	PP/PC tube
	Adapter	6×15ml			PP/PC tube
	Adapter	6×10ml			PP/PC tube
	Adapter	6×1.5ml			PP/PC tube
NO.7	Angle rotor	8×50ml	12000r/min	17226xg	PP/PC tube
	Adapter	8×15ml			PP/PC tube
	Adapter	8×10ml			PP/PC tube
	Adapter	8×1.5ml			PP/PC tube
NO.8	Angle rotor	6×100ml	11000r/min	14610xg	PP/PC tube
	Adapter	6×50ml			PP/PC tube
	Adapter	6×15ml			PP/PC tube
	Adapter	6×10ml			PP/PC tube
	Adapter	6×5ml			PP/PC tube
	Adapter	6×1.5ml			PP/PC tube
NO.9	Swing rotor	4×750ml	4000r/min	3443xg	Round cup
	Adapter	4×26×5/2ml			Vacuum blood tubes
	Adapter	4×13×15/10ml			PP/PC tube
	Adapter	4×5×50ml			PP/PC tube
	Adapter	4×3×100ml			PP/PC tube
	Adapter	4×500ml			PP/PC tube
NO.10	Microplate rotor	2×2×96 well	4200r/min	2860xg	
	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.

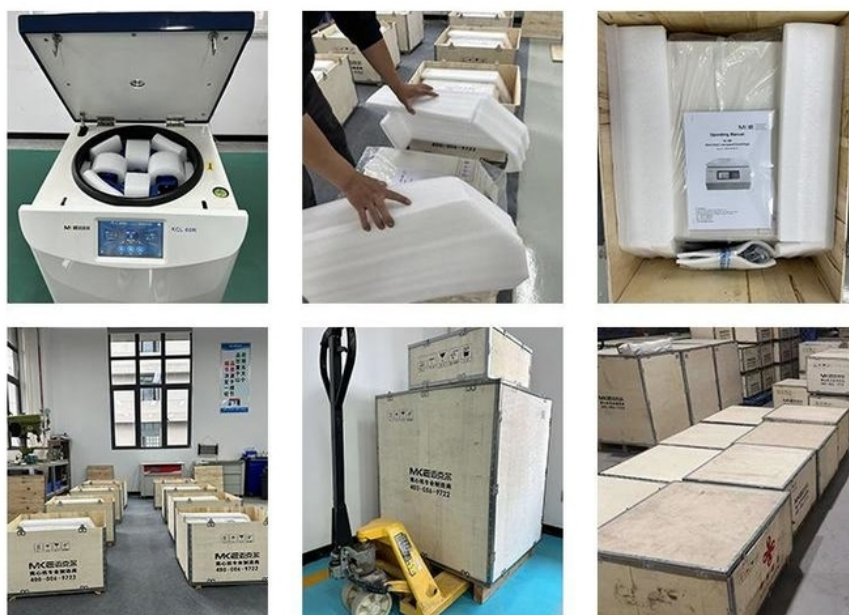


### **MKE Exhibition**



### **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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