

## Laboratory Large Capacity Refrigerated Centrifuge with Precise Temperature Control

Our Product Introduction

for more products please visit us on [mkecentrifuge.com](http://mkecentrifuge.com)

### Basic Information

- Place of Origin: China
- Brand Name: MKE
- Certification: CE, ISO, IUUV
- Model Number: VCK-21R



### Product Specification

- Product: Floor Standing Laboratory Large Capacity Refrigerated Centrifuge
- Temperature Control Range: -20°C +40°C
- Maximum Capacity: 4x750ml
- Rcf: 26832 Xg
- Acceleration Profiles: 1~10
- Rotor Identification: Automatic
- Certifications: CE, ISO9001
- Timer: 1-99 Minutes
- Max Speed: 20000rpm
- Highlight: **Precise Temperature Control Refrigerated Centrifuge**  
**, Large Capacity Refrigerated Centrifuge,**  
**Laboratory Refrigerated Centrifuge**



### More Images



## Product Description

**Floor-Standing High Speed Refrigerated Centrifuge VCK-21R is very good for Laboratory Use and Analytics.**

The **VCK-21R** is a high-performance refrigerated centrifuge designed to meet the rigorous demands of modern laboratories. Engineered for precision and efficiency, it is ideal for applications in clinical, research, and industrial labs, as well as in biotechnology, pharmaceuticals, and life sciences. With advanced temperature control, the VCK-21R ensures sample integrity by maintaining a stable environment even at high speeds.

### Technical Specifications:

Speed range(rpm)	0-20000rpm adjustable	Time range	1-99minutes 59s adjustable
Max Capacity(ml)	4*750ml	Speed accuracy	±10r/min
RCF range (xg)	0-26832xg 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)	190KGS
Power supply	AC220V,50HZ,16A, 2150W	Dimension(mm)	700x600x820mm(LxW xH)

### Matched Rotors

No.	Rotor	Max. capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	10×5ml	20000r/min	26832xg	PP/PC tube
	Adapter	10×1.5ml			PP/PC tube
NO.2	Angle rotor	24×1.5/2.2ml	16000r/min	24041xg	PP/PC tube
	Adapter	24×0.5ml			PP/PC tube
	Adapter	24×0.2ml			PP/PC tube
NO.3	Angle rotor	12×10ml	15000r/min	21130xg	PP/PC tube
	Adapter	12×5ml			PP/PC tube
	Adapter	12×1.5ml			PP/PC tube
NO.4	Angle rotor	10×15ml	15000r/min	26161xg	PP/PC tube
	Adapter	10×5ml			PP/PC tube
	Adapter	10×1.5ml			PP/PC tube
NO.5	Angle rotor	6×50ml	15000r/min	24400xg	PP/PC tube
	Adapter	6×15ml			PP/PC tube
	Adapter	6×10ml			PP/PC tube
	Adapter	6×1.5ml			PP/PC tube
NO.6	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.7	Angle rotor	6×100ml	13000r/min	20406xg	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.8	Angle rotor	4×250ml	10000r/min	14758xg	PP/PC tube
	Adapter	4×100ml			PP/PC tube
	Adapter	4×50ml			PP/PC tube
	Adapter	4×5×15ml			PP/PC tube
	Adapter	4×5×10ml			PP/PC tube
	Adapter	4×10×1.5ml			PP/PC tube
NO.9	Swing bucket	4×600ml	4000r/min	3354xg	Square cup
	Adapter	4×25×5/2ml			PP/PC tube
	Adapter	4×12×15/10ml			PP/PC tube
	Adapter	4×5×50ml			PP/PC tube
	Adapter	4×4×100ml			PP/PC tube
NO.10	Swing rotor	4×500ml	4000r/min	3354xg	Round cup
	Adapter	4×17×5/2ml			PP/PC tube
	Adapter	4×8×15/10ml			PP/PC tube
	Adapter	4×3×50ml			PP/PC tube
	Adapter	4×100ml			PP/PC tube
NO.11	Swing rotor	4×750ml	4000r/min	3443xg	Round cup
	Adapter	4×26×5/2ml			PP/PC tube
	Adapter	4×13×15/10ml			PP/PC tube
	Adapter	4×5×50ml			PP/PC tube
	Adapter	4×3×100ml			PP/PC tube

NO.12	Microplate rotor	4x2x96 well	4000r/min	2978xg	4*2*96 deep well plate 4*4*96 shallow well plate
	Adapter	4x32x1.5ml			PP/PC tube

## Features.

High power AC frequency conversion motor direct drive, high precision, low noise, long service life.

Vertical high-speed freezing centrifuge, a multi-function machine; both high-speed centrifugation (20000rpm), but also low-speed large-capacity 4x750ml separation.

Six levels of damping shock absorption, centrifugal effect to achieve the best, 10 kinds of speed curve, 30 kinds of free procedures can be programmed and stored to meet different experimental requirements

Adopt high-efficiency environmental protection refrigeration system, no environmental pollution, high precision temperature control.

Microcomputer control, colour screen display, programmable and storable, rotational speed, centrifugal force, time can be displayed at the same time.

Door cover, body configuration double silicone sealing ring, sealing performance is particularly good, long-term use does not aging, not deformation

"Mute" patented technology, the highest speed operation is less than 58 dB.

According to different experiments can be prepared 0.5-500ml adapter.

Multi-level protection functions such as overspeed, over-temperature, unbalance, electronic safety door lock, etc. ensure the safety of human and machine.

## 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.

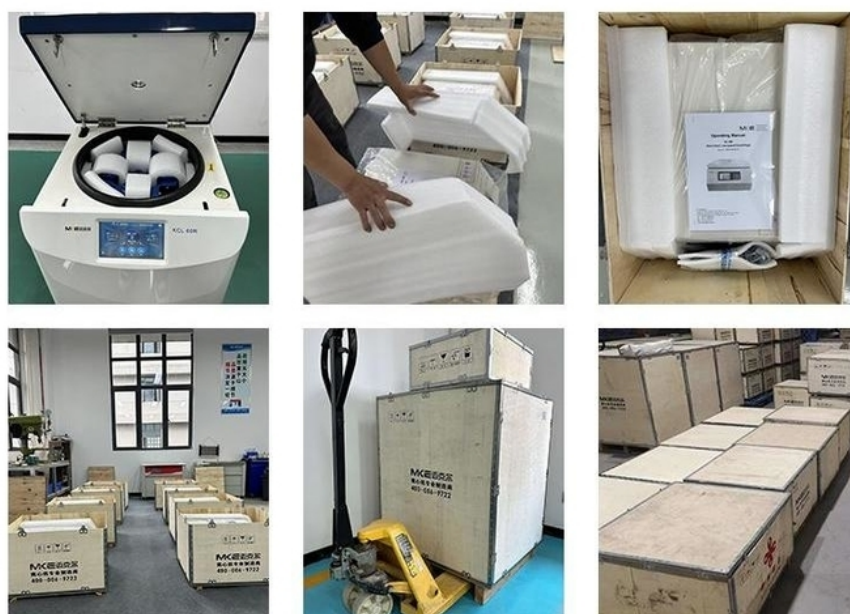


## **MKE Exhibition**

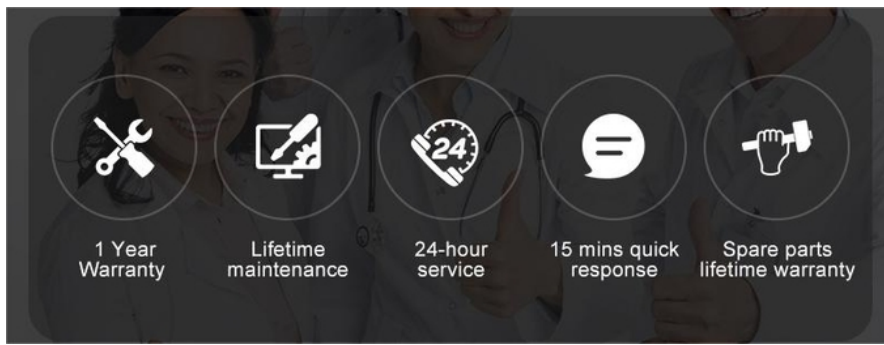


## **Packaging & Delivery**

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.



**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