

## Tabletop High Speed Refrigerated Centrifuge For Laboratory Needs Max 18\*5ml

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: MKE
- Certification: CE, ISO, IUUV
- Model Number: HK-16R



### Product Specification

- Motor: Brushless Motor
- Temperature Accuracy:  $\pm 1^{\circ}\text{C}$
- Capacity: 18\*5ml
- Type: Refrigerated Centrifuge Machine
- Attributes: Stainless Steel Inner
- Temperature Control Range:  $-20^{\circ}\text{C}$   $+40^{\circ}\text{C}$
- Timer Range: 1min To 99min
- Parameters Display: All Parameters Displayed On The LCD
- Rotor: Angle Rotor
- Max Rpm: 16500 Rpm
- Speed Accuracy:  $\pm 10\text{r/min}$
- Highlight: **Tabletop High Speed Refrigerated Centrifuge, Laboratory High Speed Refrigerated Centrifuge, 18\*5ml Refrigerated Centrifuge**



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## Product Description

The HK-16R is a high-performance centrifuge designed for versatile laboratory applications, offering reliable and efficient sample processing. This model is known for its compact design, making it ideal for labs with limited space while still delivering powerful centrifugation capabilities.

### Technical Specification

Max. RPM	16,500rpm	Speed accuracy	±10r/min
Max.Capacity	18 x 5ml	Temp. Range	-20 °C ~ 40°C
Max.RCF	19480xg	Temperature control accuracy	±1°C
Time control	1-99minutes 59s adjustable	ACC/DEC	10/10 steps
Noise level (dB)	≤55dB(A)	Program memory	15
Display	LCD	Weight without rotor (kg)	35 kg
Refrigerant	R290	Power supply	AC220V,50HZ,10A; 700W
Dimension (W x D x H, mm)	440x300x330mm(LxWxH)		

### Matched Rotors

No.	Item	Max. capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	12×1.5/2.2ml	16500r/min	19176xg	PP/PC tube
	Adapter	12×0.5ml			PP/PC tube
	Adapter	12×0.2ml			PP/PC tube
NO.2	Angle rotor	24×1.5/2.2ml	14500r/min	19956xg	PP/PC tube
	Adapter	24×0.5ml			PP/PC tube
	Adapter	24×0.2ml			PP/PC tube
NO.3	Angle rotor	8×8×0.2ml	14000r/min	16480xg	PCR 8-tube strips
NO.4	Angle rotor	18×5ml	12000r/min	13668xg	PP/PC tube(Round bottom)
	Adapter	18×1.5ml			PP/PC tube

### Key Features:

**AC Frequency Conversion Motor:** High-precision direct drive motor ensures low noise, exceptional performance, and an extended service life.

**Advanced Microcomputer Control:** Features a 7-inch LCD screen displaying key parameters such as rotor number, speed, centrifugal force, time, and acceleration/deceleration curves simultaneously for easy monitoring.

**Customizable Acceleration/Deceleration:** Offers 15 acceleration and deceleration curves, enabling fast rotor speed adjustments from 0-14000 rpm in just 18 seconds, along with 15 editable programs to meet diverse experimental needs.

**Eco-Friendly Refrigeration System:** High-efficiency, environmentally friendly cooling system delivers precise temperature control without causing environmental harm.

**Easy-to-Use Electronic Door Lock:** Self-absorbing electronic lock reduces door closure pressure, simplifying operation.

**Comprehensive Safety Features:** Includes multiple safety mechanisms such as overspeed protection, overtemperature alerts, and an electronic gyroscope for imbalance monitoring, ensuring safe and reliable performance.

### 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.

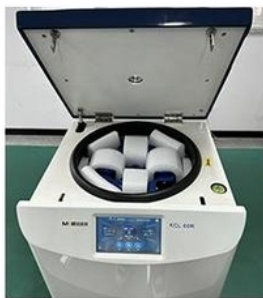


## MKE Exhibition

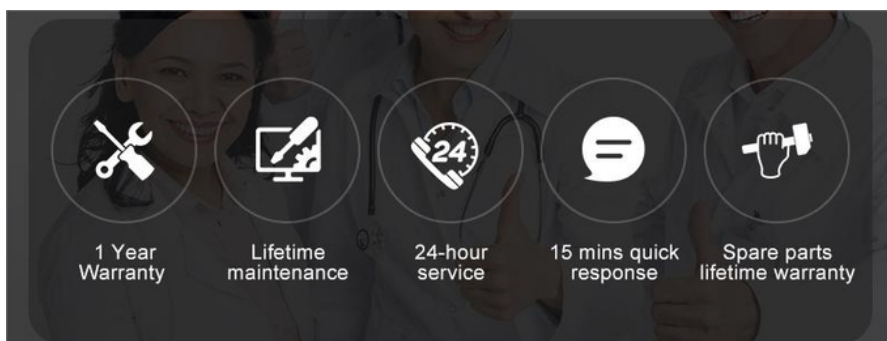


## Packaging & Delivery

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.



Professional  
Centrifuge  
Manufacturer

**Hunan Michael Laboratory Instrument Co.,Ltd.**



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