



## High Performance Table Top Benchtop Centrifuge Machine 6 hole 50ml Angle Rotor

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: MKE
- Certification: CE, ISO13485, ISO9001, SFDA
- Model Number: KC-42B
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Wooden Box
- Delivery Time: 7-15 work days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 100 set/month



### Product Specification

- Applications: Primarily Utilized For Routine Laboratory Tasks, Including The Separation Of Small Volumes Of Biological Samples, Cellular Components, And Various Fluids. These Applications Encompass Processes Like Isolating DNA, RNA, Proteins, And Sedimentation Of Cells
- Max Speed: 5000rpm
- Max RCF: 3354xg
- Max Capacity: 6\*50ml Fixed Angle Rotor
- Noise Level: ≤55dB
- Matched Rotors: Fixed Angle Rotors
- Warranty: 1 Year Warranty For The Whole Machine, 3 Years Warranty For The Compressor And 5 Years Warranty For The Motor. Free Replacement Parts And Shipping Within Warranty.
- Highlight: **150W benchtop plate centrifuge , 220V benchtop plate centrifuge**



### More Images



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

## Description

Experience superior performance with our Benchtop Low-Speed Centrifuge KC-42B, boasting a maximum speed of 5000rpm. This versatile device is equipped with two fixed-angle head rotors: one designed for 6 tubes of 50ml and another for 24 tubes of 15ml. Additionally, it offers adaptors for 1.5/2ml, 5ml, and 10/15ml tubes, ensuring flexibility for various sample sizes.

### Advanced Motor Technology:

Featuring a high-quality variable frequency motor, our centrifuge offers exceptional reliability. Unlike traditional brushless motors, this advanced technology enhances efficiency and longevity, making it a dependable choice for your laboratory needs.

### Robust Steel Construction:

Crafted with an all-steel body and a stainless steel chamber, this centrifuge is not only powerful but also incredibly durable. Its sturdy construction ensures long-term usage and withstands the rigors of daily laboratory operations.



### Technical Specifications:

|                                  |                      |   |                           |
|----------------------------------|----------------------|---|---------------------------|
| <b>Speed range(rpm)</b>          | 0-5000rpm adjustable | <b>Speed accuracy</b>                   | ±10rpm                    |
| <b>Max Capacity(ml)</b>          | 6*50ml               | <b>RCF range (xg)</b>                   | 0-3354xg adjustable       |
| <b>Display</b>                   | LED                  | <b>Time range</b>                       | 0-99minutes 59 s          |
| <b>Noise(dBA)</b>                | ≤55dB(A)             | <b>Acceleration /Deceleration rates</b> | 0-- 9                     |
| <b>Dimension(mm)</b>             | 430x320x250mm        | <b>Motor</b>                            | Frequency Converter motor |
| <b>Net weight(without rotor)</b> | 20KGS                | <b>Power supply</b>                     | AC220V,50HZ,10A,150W      |

### Diverse Choice of Rotors:

| No.   | Item        | Capacity     | Max. speed | Max. RCF | Note       |
|---|-------------|--------------|------------|----------|------------|
| NO.1<br> | Angle rotor | 24×10/5ml    | 4500r/min  | 2717xg   | PP/PC tube |
|   | Adapter     | 24×2ml       |            |          |            |
|   | Adapter     | 24×1.5ml     |            |          |            |
| NO.2<br> | Angle rotor | 12×15/10/5ml | 5000r/min  | 3186xg   | PP/PC tube |
|   | Adapter     | 12×2ml       |            |          |            |
| NO.3<br> | Angle rotor | 6×50ml       | 5000r/min  | 3354xg   | PP/PC tube |
|   | Adapter     | 6×15/10ml    |            |          |            |
|   | Adapter     | 6×5ml        |            |          |            |



## Features

- 1.Durable Construction:** The metal housing, metal lid, and 304# stainless steel centrifuge chamber are autoclave-able and resistant to detergents and disinfectants.
- 2.Observation Window:** The lid features an observation window for speed calibration and noise measurement, ensuring precise control.
- 3.Advanced Control:** Microprocessor control with frequency conversion A.C. motor drive guarantees optimal performance and efficiency.
- 4.Intuitive LED Display:** The LED display shows essential parameters such as Speed, Timer, RCF, Rotors, Program (Memory), Acceleration & Deceleration, and Error codes, ensuring user-friendly operation.
- 5.Sealing Perfection:** Double layers sealing ring on the centrifuge lid and instrument maintains a secure and durable seal, enhancing longevity.
- 6.Program Management:** Programmable and storable, it accommodates up to 30 programs, allowing users to save and access settings with a single keystroke, even after the centrifuge has been powered off.
- 7.Optimized Operation:** Offering 10 acceleration rates and 10 braking ramps, it effectively avoids secondary sedimentation, ensuring superior centrifugation results.

8. Secure Operation: Automatic lid-locking and holding during rotor run, coupled with easily exchangeable rotors, simplify operations for seamless user experience.

9. Smart Troubleshooting: Automatic error code indication and alarms on the screen facilitate quick issue identification and resolution.

10. Minimal Noise: Operating at less than 55 decibels during the highest rotational speed, it ensures a quiet laboratory environment.

11. International Standards: Manufactured in compliance with international safety regulations, including IEC 61010, ensuring global safety standards.

12. Electrical Lid Interlock: Safety Electrical lid interlock prevents door opening while the rotor is in motion. The machine won't run if the lid is open, displaying an error code for added safety.

13. Emergency Lid-Lock Release: Provides an emergency lid-lock release mechanism in case of power failure, ensuring easy and safe access to the samples.

14. Enhanced Protection: Equipped with a gas hinge for lid drop protection, and safety features like overspeed, imbalance, and fault auto diagnosis, ensuring comprehensive safety for operators and samples alike.



## 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.

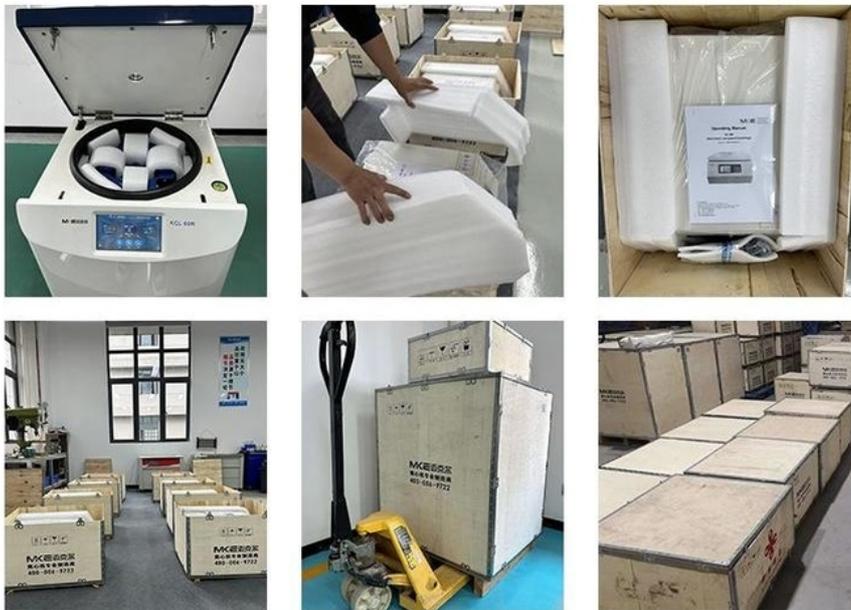


## MKE Exhibition



## 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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