

## Low Speed Benchtop Centrifuge 50ml Fixed Angle 0-5000rpm

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: MKE
- Certification: CE,ISO13485,ISO9001,SFDA
- Model Number: TD4-1
- 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: 4\*50ml
- Display: LED
- 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.



### More Images



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

## Product Description

### Description

The TD4-1 benchtop low-speed centrifuge is equipped with two fixed-angle head rotors: one for 18 tubes of 15ml and another for 4 tubes of 50ml. Unlike traditional brushless motors, it utilizes a high-quality variable frequency motor for enhanced performance. Its robust construction features an all-steel body and a centrifuge chamber made of 304# stainless steel, ensuring autoclave-ability and resistance to detergents and disinfectants.






### Technical Specifications:

<b>Speed range(rpm)</b>	0-5000rpm adjustable	<b>Speed accuracy</b>	±10rpm
<b>Max Capacity(ml)</b>	4*50ml	<b>RCF range (xg)</b>	0-3354xg adjustable
<b>Display</b>	LED	<b>Time range</b>	1s-99minutes
<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



## Matched Rotors

No.	Item	Capacity	Max. speed	Max. RCF	Note
NO.1 	Angle rotor	12×15/10/5ml	5000r/min	3186xg	PP/PC tube
	Adapter	12×2ml			
NO.2 	Angle rotor	18×10/5ml	4500r/min	2717xg	PP/PC tube
	Adapter	18×2ml			
	Adapter	18×1.5ml			
NO.3 	Angle rotor	4×50ml	5000r/min	3354xg	PP/PC tube
	Adapter	4×15/10ml			
	Adapter	4×5/2ml			



## Key Features:

**Microprocessor Control:** Equipped with a state-of-the-art microprocessor control and frequency conversion A.C. motor drive, guaranteeing optimal performance.

**Programmable Convenience:** Easily programmable and storable, accommodating up to 30 unique programs. Your settings are saved with one keystroke, persisting even after the centrifuge is turned off.

**Enhanced Centrifugation:** Offers 10 acceleration rates and 10 braking ramps, effectively preventing secondary sedimentation and ensuring superior centrifugation outcomes.

**Whisper-Quiet Operation:** Operates at noise levels below 55 decibels, providing a quiet laboratory environment conducive to focused work.

**Robust Construction:** Designed with a metal housing, metal lid, and a 304# stainless steel centrifuge chamber, all autoclave-able and resistant to detergents and disinfectants for lasting durability.

**Intuitive LED Display:** A user-friendly LED display showcases essential parameters such as Speed, Timer, RCF, Rotors, Program (Memory), Acceleration & Deceleration information, and Error codes, ensuring effortless monitoring.

**Safety First:** Comprehensive safety features include over-speed protection, imbalance detection, fault auto diagnosis, and an electrical lid interlock system. The centrifuge won't operate if the lid is open, guaranteeing user safety. Additionally, in case of power failure, an emergency lid-lock release ensures swift access.

**Sealed Perfection:** Utilizes a double-layer sealing ring, securing a tight and durable seal for both the centrifuge lid and the instrument.

Effortless Rotor Exchange: Rotor replacement is a breeze with easily exchangeable rotor options, enhancing your lab's efficiency.

Automated Troubleshooting: Instantly identifies issues with an automatic troubleshooting system. Error codes and alarms on the screen provide immediate feedback for swift resolution.

**Gas Hinge Protection:** Designed with a gas hinge, the lid drop is controlled, adding an extra layer of safety.

Experience precision, efficiency, and safety in one innovative device. Elevate your lab operations with our feature-packed low-speed centrifuge.

## 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.

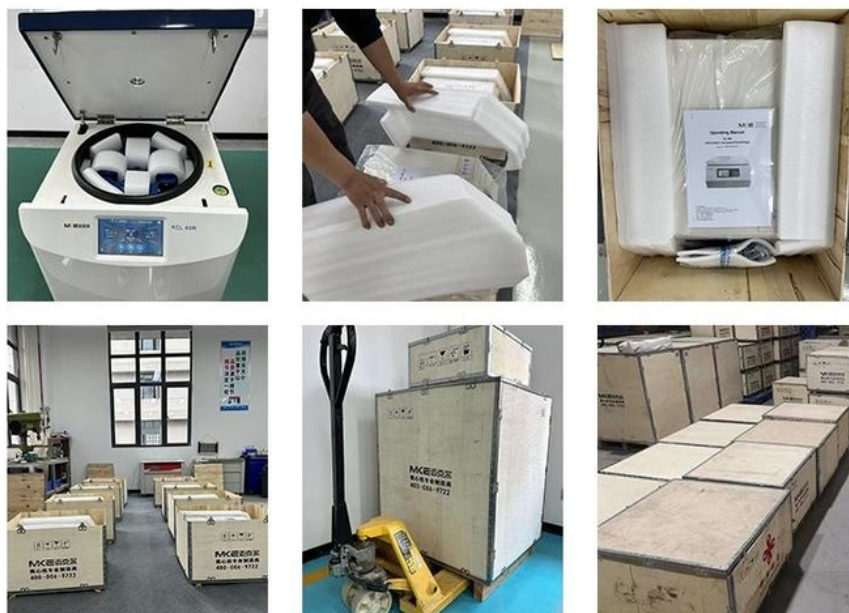


### **MKE Exhibition**



### **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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