

## Versatile Low Noise Brushless Motor Benchtop Lab Centrifuge with Angle and Swing-Out Rotors

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,ISO13485,ISO9001,SFDA
- Model Number: TDZ5-WS
- 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

- Product Name: Versatile Low Noise Brushless Benchtop Lab Centrifuge
- Applications: Clinical Diagnostics, Veterinary Medicine, Pharmaceuticals, Environmental Analysis, Industrial Production, Universities And Research Facilities
- Max Speed: 6000 Rpm
- Max RCF: 4752xg
- Max Capacity: 4\*400ml
- Time Range: 1min-99min Adjustable
- Matched Rotors: Fixed Angle Rotors, Swing Rotor And Microplate Rotor
- Display: LCD
- Noise(dBA): ≤58dB(A)
- Dimension(mm): 600x440x360mm
- Warranty: 1 Year Warranty For The Whole Machine, 3 Years Warranty For The Compressor And 5



### More Images



## Product Description

### Description

The TDZ5-WS Benchtop Centrifuge is a blend of advanced technology and exceptional capacity. It features a variety of swing-out and fixed-angle rotors, along with a range of buckets and adapters, to accommodate tubes and flasks from 2 ml to 400 ml, including microtiter and deepwell plates.

**Versatile Compatibility:** Its adaptable accessories make it suitable for clinical diagnostics, veterinary medicine, pharmaceuticals, environmental analysis, and industrial production, as well as for use in academic and research institutions.



**High RCF:** It delivers a maximum Relative Centrifugal Force (RCF) over 4752 xg, ensuring efficient sample separation and processing.








### Technical Specifications:

<b>Speed range(rpm)</b>	0-6000rpm adjustable	<b>Speed accuracy</b>	±10rpm
<b>Max Capacity(ml)</b>	4*400ml	<b>RCF range (xg)</b>	0-4752xg adjustable
<b>Display</b>	LCD	<b>Time range</b>	1min-99minutes
<b>Noise(dBA)</b>	≤58dB(A)	<b>Acceleration /Deceleration rates</b>	1-- 10
<b>Dimension(mm)</b>	600x440x360mm	<b>Motor</b>	Frequency Converter motor
<b>Net weight(without rotor)</b>	40KGS	<b>Power supply</b>	AC220V,50HZ,10A,570W

### Matched Rotors(MKE can produce custom accessories upon request)

No.	Item	Capacity	Max.speed	Max.RCF	Note
NO.1 	Angle rotor	12×5-10-15ml	6000r/min	4588xg	PP/PC tube
	Adapter	12×2ml			
NO.2 	Swing rotor	Steel frame rotor	5000r/min	4752xg	PP/PC tube
	Swing frame	4×100ml			
	Swing frame	4×50ml			
	Adapter	4×15/10ml			
	Swing rotor	Steel frame rotor			
	Swing frame	4×2×100ml			PP/PC tube

NO.3 	Swing frame	4×2×50ml	4000r/min	3041xg	PP/PC tube
	Adapter	4×2×15/10ml			PP/PC tube
	Swing frame	4×8×15/10/5ml			PP/PC/Vacuum blood collection tubes
	Rack	4×12×5/2ml			Vacuum blood collection tubes
NO.4 	Swing rotor	4×18×2/5ml	4000r/min	2773xg	Vacuum blood collection tubes
NO.5 	Swing bucket	4×400ml	4000r/min	3049xg	Square bucket
	Adapter	4×16×5/2ml			Vacuum blood collection tubes
	Adapter	4×9×15/10ml			PP/PC tube
	Adapter	4×4×50ml			PP/PC tube
	Adapter	4×100ml			PP/PC tube
NO.6 	Swing bucket	4×250ml	4000r/min	3049xg	Round bucket
	Adapter	4×9×5/2ml			Vacuum blood collection tubes
	Adapter	4×5×15/10ml			PP/PC tube
	Adapter	4×50ml			PP/PC tube
	Adapter	4×100ml			PP/PC tube
NO.7 	Microplate rotor	2×2×96 hole	4200r/min	2860xg	Square bucket
	Adapter	2×32×1.5ml			PP/PC tube



## Key Features:

**Precision Control:** Microprocessor-controlled with a frequency Brushless motor drive, offering accurate and efficient centrifugation processes.

**Robust Construction:** Crafted from high-quality steel, including a blast-proof steel chamber and autoclave-able 304# stainless steel, ensuring durability and resistance to disinfectants.

**Efficient Operation:** Offers 10 acceleration rates and 10 braking ramps to prevent secondary sedimentation, ensuring superior centrifugation results.

**Intuitive Interface:** The LED display showcases vital parameters, including Speed, Timer, RCF, Rotors, Program (Memory), Acceleration & Deceleration details, and Error Codes, enhancing operational clarity.

**User-Friendly Design:** Featuring a dual-layer sealing ring for enhanced lid and instrument sealing, alongside programmable memory storing up to 30 programs. Adapters ranging from 0.5 ml to 500 ml provide versatile usage.

**Safety First:** Complies with international safety regulations (e.g., IEC 61010). Equipped with electrical lid interlock, automatic lid-locking during rotor run, emergency lid-lock release during power failure, and a gas

hinge for lid drop protection.

**Reliable Performance:** Boasts automatic troubleshooting capabilities, displaying error codes and alarms on the screen. Operates quietly, generating noise levels below 58 decibels even at maximum rotational speed.

## **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.



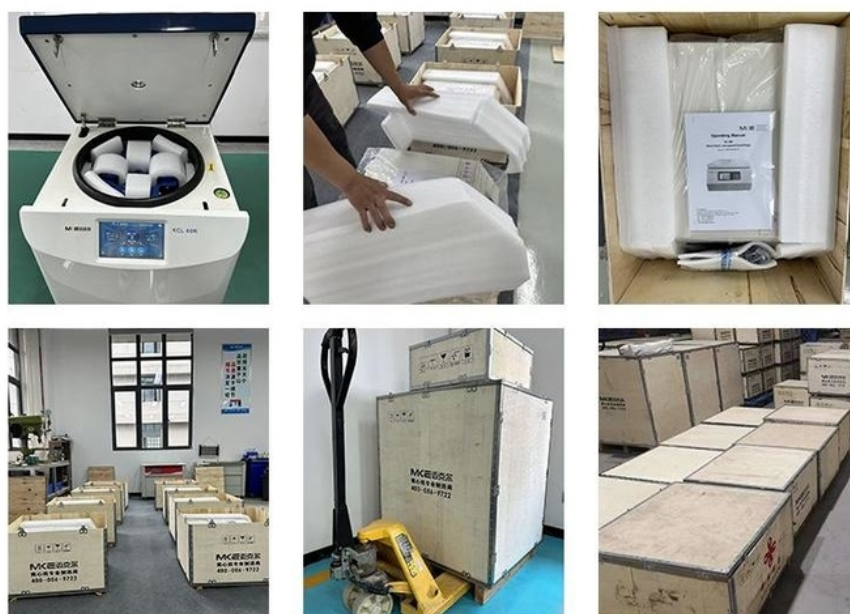


## **MKE Exhibition**



## **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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