

## Desktop High Speed Refrigerated Centrifuge 16500r/min Low Noise Machine

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: TGL-16M
- 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

- Max Speed: 16500rpm With Fixed Angle Rotor  
12x1.5/2.2ml
- Max RCF: 31554xg
- Max Capacity: 4\*100ml Fixed Angle Rotor
- Temperature Control Range: -20°C +40°C
- Matched Rotors: Fixed Angle Rotors
- Display: LCD
- Warranty: 1 Year,3 Years,5 Years,Free Within Warranty,Free Within Warranty
- Highlight: **Low Noise Refrigerated Centrifuge, 16500r/min Refrigerated Centrifuge, Desktop Refrigerated Centrifuge**



### More Images



## Product Description

High speed refrigerated centrifuge TGL-16M can reach a maximum speed of 16500rpm. The refrigeration feature allows for temperature control during the separation process, which is important for maintaining the integrity of certain samples. It is designed to accommodate various types of fixed-angle rotors and adapters, making it suitable for high-speed centrifugation of volumes ranging from 0.2ml to 100ml. Its compact design makes it ideal for laboratories with limited space.

## Design

- Metal housing, metal lid, and stainless steel centrifuge chamber are autoclave-able and resistant detergents and disinfection liquids.
- Observations window on lid for speed calibration and noise measurement.
- Microprocessor control with frequency conversion A.C. motor drive
- LCD touch screen with simple&clear interface for viewing and setting parameters.
- Double layers sealing ring made for the centrifuge lid and the instrument to keep long good sealing.



## User friendly

- CFC-free refrigerant, temperature sensor inside the chamber, pre-cooling feature, precise temperature control up to  $-20^{\circ}\text{C}$ .
- Programmable and storable, stores up to 30 programs and provides direct user access with one keystroke save. The stored parameter: combination remains in the memory even after the centrifugation has been switched off.
- Provides the 10 acceleration rates and 10 braking ramp, to effectively avoid secondary sedimentation, with better centrifugation effect.
- Automatic lid-locking and holding during rotor run
- Easily exchangeable rotors, special rotor connector which makes it easy to load and unload rotor.
- Automatic troubleshooting with indication of error code and alarm on the screen.
- Noise level lower than 58 decibel at the highest rotational speed.
- Automatic rotor identification system, coded rotor identification prevents the rotor from over speeding.



## Safety

- Safety and Standards Certification: CE
- Product Safety: EN61010-1 and EN 61010-2-020 Electromagnetic Compatibility: EN 61326-1
- Safety Electrical lid interlock, door can not open when rotor is running and machine won't run when lid open and error code appears.
- Emergency lid-lock release (in case of power failure).
- Gas hinge for lid drop protection.
- Safety protections are made for the over speed, over heating (motor, chamber), imbalance etc to ensure the man machine safety.



## 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.



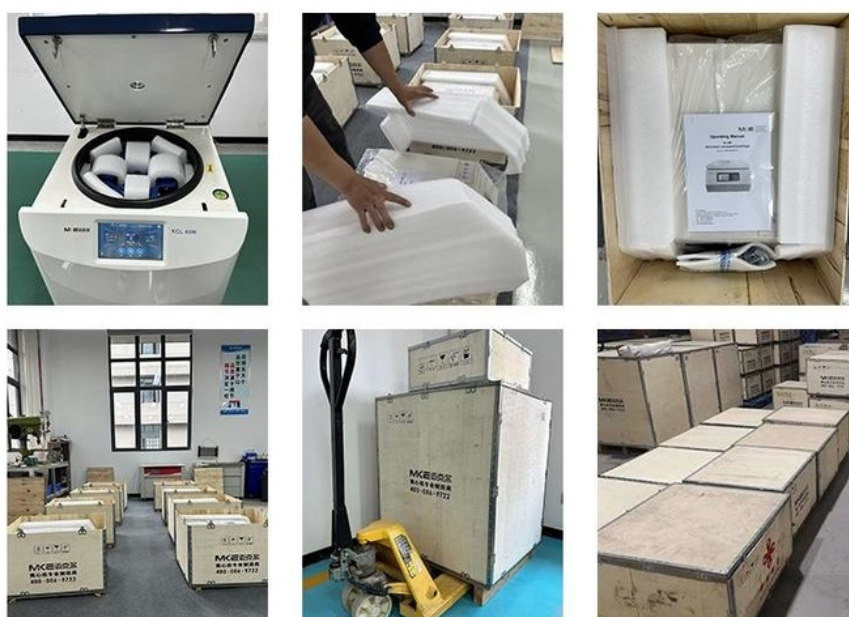
### **MKE Exhibition**



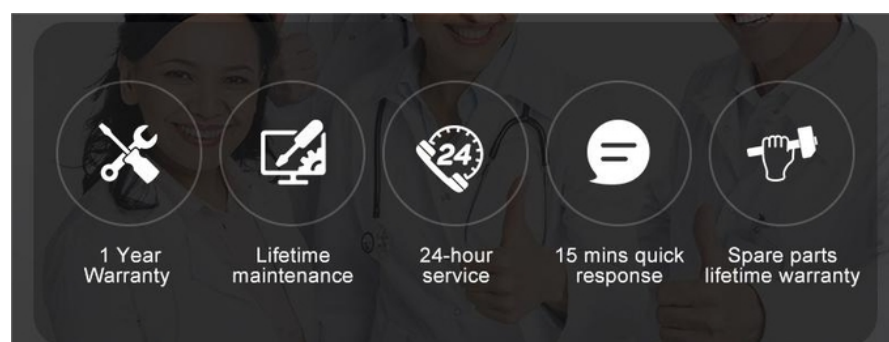


## **Packaging & Delivery**

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.



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