

Benchtop Max 400ml Refrigerated Centrifuge for University and Laboratory

Our Product Introduction

for more products please visit us on mkecentrifuge.com

Basic Information

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



Product Specification

- Product: High Speed Refrigerated Centrifuge
- Capacity: 4 X 400ml
- Speed: 16500 Rpm
- Applications: Scientific Research, Medical Laboratories
- Parameters: Speed, timer, RCF, temperature, rotors
- Motor: Brushless Motor
- Max Rcf: 19480xg
- Matched Rotors: Fixed Angle Rotors
- Rotor Identification: Automatic
- Programmable Operations: 30
- Refrigerant: R134a
- Highlight: **Benchtop Refrigerated Centrifuge, University Refrigerated Centrifuge, Laboratory Refrigerated Centrifuge**



More Images



Product Description

The high-speed refrigerated centrifuge TGL-16M stands out with its impressive maximum speed of 16,500 rpm. Its built-in refrigeration feature ensures precise temperature control during the separation process, crucial for preserving sample integrity. Compatible with a range of fixed-angle rotors and adapters, it caters to high-speed centrifugation needs spanning volumes from 0.2ml to 100ml. Despite its robust capabilities, its compact design makes it a perfect fit for labs with limited space, combining efficiency and convenience seamlessly.

Technical Specs

Max. RPM	16,500rpm	Speed accuracy	±10r/min
Max.Capacity	4 x100ml	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)	≤58dB(A)	Program memory	30
Display	LCD	Weight without rotor (kg)	70 kg
Refrigerant	R134A	Power supply	AC220V,50HZ,10A; 880W
Dimension (W x D x H, mm)	600x570x380mm(LxWxH)		

Features:

1. Direct Drive AC Variable Frequency Motor: Experience high precision, low noise, and an extended lifespan for reliable and efficient operation.
2. High-Efficiency and Environmentally Friendly Refrigeration System: Our centrifuge adopts an advanced cooling system that not only ensures precise temperature control but also eliminates environmental pollution.
3. Silent Technology and "Low-Noise" Patent Certification: With our innovative "Low-Noise" technology, enjoy a quiet laboratory environment as the centrifuge operates at a maximum noise level below 58 decibels.
4. Microcomputer Control and Color LCD Display: Take full control of your experiments with ease. Our centrifuge's user-friendly interface allows programming, storage, and simultaneous display of speed, centrifugal force, and time on a vibrant color screen.
5. 10 adjustable lift speed curves. Customize up to 30 programmable and storable free programs to meet your diverse experimental needs.
6. Double-Layer Sealing Rings on the Door Cover and Body: Designed to meet the demands of long-term use, our centrifuge features excellent sealing performance, ensuring airtight operation.
7. Three-Level Damping System and Versatile Speed Curves: Experience optimal stability and versatility with our centrifuge's three-level damping system.
8. Multiple Safety Features: We prioritize safety. Our centrifuge is equipped with multiple layers of protection, including overspeed detection, overheating prevention, and an electronic safety door lock, ensuring the well-being of both the user and the machine.

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	12×5ml	16500r/min	19480xg	PP/PC tube
	Adapter	12×1.5ml			PP/PC tube
NO.3	Angle rotor	12×10ml	12000r/min	13523xg	PP/PC tube
	Adapter	12×5ml			PP/PC tube
NO.4	Angle rotor	24×1.5/2.2ml	14000r/min	18407xg	PP/PC tube
	Adapter	24×0.5ml			PP/PC tube
	Adapter	24×0.2ml			PP/PC tube
NO.5	Angle rotor	36×1.5/2.2ml	13000r/min	15304xg	PP/PC tube
	Adapter	36×0.5ml			PP/PC tube
	Adapter	36×0.2ml			PP/PC tube
NO.6	Angle rotor	12×8×0.2ml	12000r/min	16985xg	PCR 8-tube strips
NO.7	Angle rotor	10×15ml	11000r/min	14069xg	PP/PC tube
	Adapter	10×10ml			PP/PC tube
	Adapter	10×5ml			PP/PC tube

NO.8	Angle rotor	6×50ml	11000r/min	13122xg	PP/PC tube
	Adapter	6×15ml			PP/PC tube
	Adapter	6×10ml			PP/PC tube
	Adapter	6×1.5ml			PP/PC tube
NO.9	Angle rotor	4×10/100ml	10000r/min	10979xg	PP/PC tube
	Adapter	4×50ml			PP/PC tube
	Adapter	4×15ml			PP/PC tube
	Adapter	4×10ml			PP/PC tube
	Adapter	4×5ml			PP/PC tube
	Adapter	4×1.5ml			PP/PC tube

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.

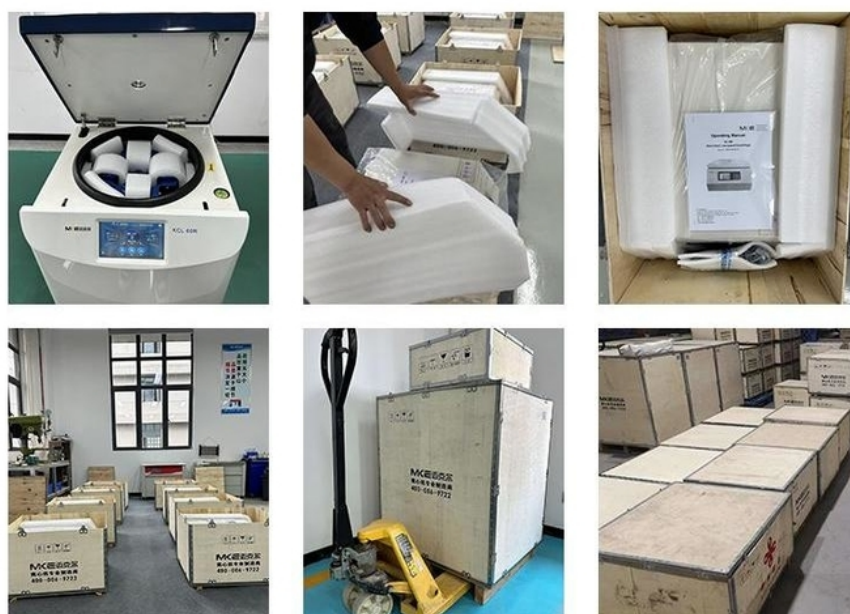


MKE Exhibition

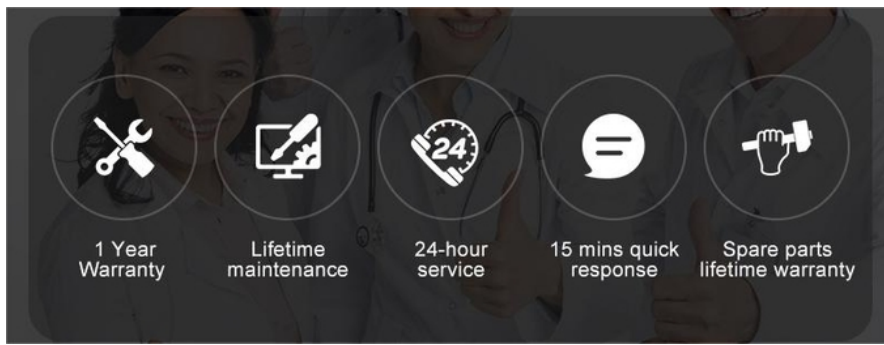


Packaging & Delivery

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.



Hunan Michael Laboratory Instrument Co.,Ltd.

+86-17775883371

Shirley@mke-lab.com

mkecentrifuge.com

MKE Building, Sanhe Zhihui Industrial Park, Guyuan Road No. 426, Changsha High-tech Development Zone, Hunan, China