

10000 rpm High Speed Centrifuge with Angle Rotor and PCR Rotor for laboratory and College

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MKE
- Certification: CE, ISO, IUUV
- Model Number: TG16-WS



Product Specification

- Product Type: 10000 Rpm High Speed Centrifuge
- Matched rotors: Fixed Angle Rotors
- Maximum Capacity: 4 X 100 MI
- Max Speed: 16500rpm
- Acceleration /Deceleration Rates: 10 Levels
- Noise Level: ≤58dB
- Timer: 1 Min To 99H 99 Min
- Max Rcf: 19480 Xg
- Display: LED Display
- Highlight: PCR Rotor High Speed Centrifuge, Angle Rotor High Speed Centrifuge, 10000 rpm High Speed Centrifuge



More Images



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Product Description

6*50ml Laboratory Centrifuge Benchtop Type Save Space Max 165000rpm Multiple Rotor Choice TG16-WS

The **TG16-WS High-Speed Centrifuge** combines versatility and high performance, designed to meet the needs of a wide range of laboratory applications.

Versatile Rotor Compatibility: With a variety of fixed-angle rotors, the TG16-WS can accommodate PCR tubes, test tubes, and round-bottom tubes. It supports a remarkable capacity of up to 4 x 100 ml in a single rotor, making it ideal for both routine and specialized applications.

Compact and Efficient Design: Engineered for space-saving, the TG16-WS maximizes performance while minimizing its footprint, making it perfect for laboratories with limited space.

Advanced Motor Technology: Featuring an A.C. frequency conversion motor for direct drive, the centrifuge ensures high precision, low noise, and long-lasting reliability.

Intelligent Control System: The centrifuge is equipped with a color-coded display screen, showing real-time readings of speed, centrifugal force, and time. It allows for easy program customization and storage, enabling users to recall up to 30 pre-defined settings for efficient operation.

Quiet and Smooth Operation: Recognized for its innovative "low noise" design (Patent No. ZL201721835868.9), the TG16-WS operates at a noise level of less than 58 decibels, even during high-speed runs, ensuring a quiet and comfortable laboratory environment.

Customized Performance: Offering a three-level damping system and 10 customizable lifting and lowering speed curves, the TG16-WS is adaptable to various experimental needs. It can store up to 30 user-defined programs for enhanced versatility.

Comprehensive Safety Features: The centrifuge is equipped with multiple safety protections, including over-speed, over-temperature, and electronic safety door lock functions, safeguarding both users and equipment.

Durable and Hygienic Construction: The TG16-WS features a robust metal housing, a metal lid, and an autoclavable stainless steel centrifuge chamber, resistant to detergents and disinfectants, ensuring long-lasting durability and easy maintenance.

This high-speed centrifuge is the perfect choice for labs seeking precision, versatility, and reliability in a compact design.

Technical Specifications:

Speed range(rpm)	0-16500rpm adjustable	Speed accuracy	±10rpm
Max Capacity(ml)	4*100ml	RCF range (xg)	0-19480xg adjustable
Display	LCD	Time range	1-99minutes adjustable
Noise(dBA)	≤58dB(A)	Acceleration /Deceleration rates	0-- 10
Dimension(mm)	470x345x295mm	Motor	Frequency Converter motor
Net weight(without rotor)	30KGS	Power supply	AC220V,50HZ,10A,600W

Matched Rotors(Customized rotors are available)

No.	Rotor	Capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	12×1.5/2.2ml	16500r/min	19176xg	PP/PC tube
	Adapter	12×0.5/0.2ml			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	24×0.5/0.2ml			PP/PC tube
NO.5	Angle rotor	36×1.5/2.2ml	13000r/min	15304xg	PP/PC tube
	Adapter	36×0.5/0.2ml			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	6×15/10ml			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	4×15/10ml			PP/PC tube
	Adapter	4×5/1.5ml			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.

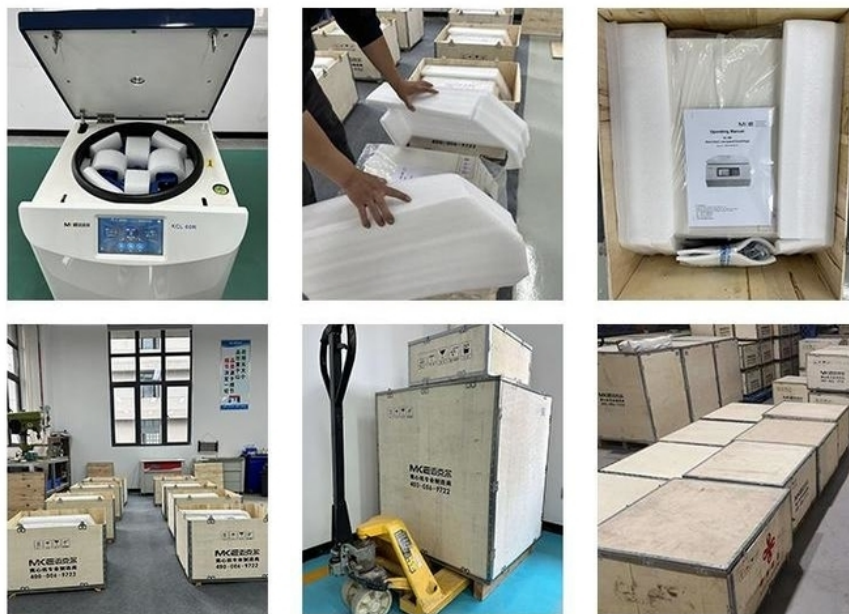


MKE Exhibition

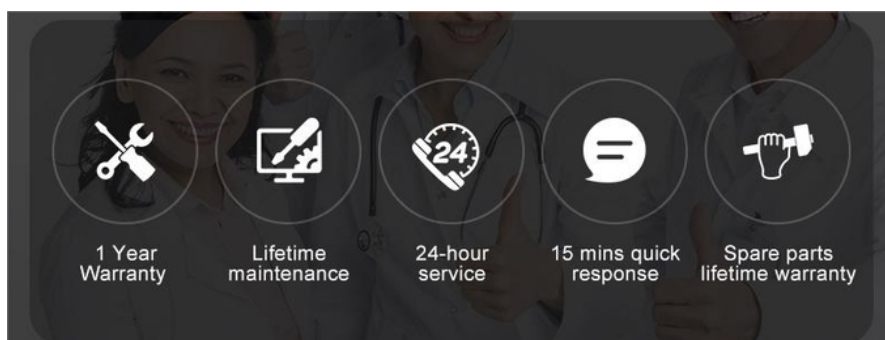


Packaging & Delivery

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.



Professional
Centrifuge
Manufacturer

Hunan Michael Laboratory Instrument Co.,Ltd.



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