

TG20-WS High-Speed Benchtop Centrifuge with 4 x 100 ml Fixed-Angle Rotor Configuration

Our Product Introduction

for more products please visit us on mkecentrifuge.com

Basic Information

- Place of Origin: CHINA
- Brand Name: MKE
- Certification: CE, ISO13485, ISO9001, SFDA
- Model Number: TG20-WS

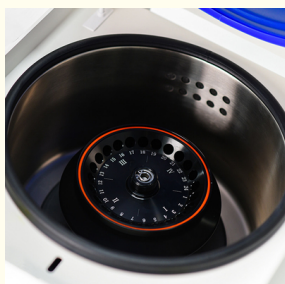


Product Specification

- Application: Clinical Protocols, Cell Culture applications, Precipitation Purposes, Microplate processing And Separation Of DNA, RNA, Viruses and Proteins In Biochemistry, Medical Treatment food Safety, And Animal Husbandry
- Speed Range: 0-21000rpm Adjustable
- Max.Capacity: 4*100ml
- RCF Range: 0-31061xg Adjustable
- Time Range: 1-99min59s Adjustable
- Noise (dBA): ≤58dB(A)
- Rotor: Fixed Angle Rotor
- Display: LED
- Dimension(mm): 470*345*295mm
- 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



More Images



Product Description

Deascription

The high-speed centrifuge TG20-WS is a versatile solution equipped with a variety of fixed-angle rotors. This all-purpose centrifuge is designed to accommodate PCR tubes, test tubes, and round-bottom tubes, offering exceptional capacity with a 4 x 100 ml fixed-angle rotor configuration. With its extensive selection of rotors and accessories, along with impressive RCF values reaching up to 31,061 x g, it is well-suited for a diverse range of applications.



Technical Specifications:

Speed range(rpm)	0-21000rpm adjustable	Speed accuracy	±10rpm
Max Capacity(ml)	4*100ml	RCF range (xg)	0-31061xg adjustable
Display	LED	Time range	1-99minutes 59s adjustable
Noise(dBA)	≤58dB(A)	Acceleration /Deceleration rates	1-- 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
	Angle Rotor	12×1.5-2.2ml	21000r/min	31061xg	PP/PC tube
	Adapter	12×0.5ml			PP/PC tube
	Adapter	12×0.2ml			PP/PC tube
	Angle Rotor	12×5ml	16500r/min	19480xg	PP/PC tube(round bottom)
	Adapter	12×1.5ml			PP/PC tube
	Angle Rotor	12×10ml	15000r/min	21130xg	PP/PC tube(round bottom)
	Adapter	12×5ml			PP/PC tube
	Adapter	12×1.5ml			PP/PC tube
	Angle Rotor	24×1.5-2.2ml	16000r/min	24041xg	PP/PC tube
	Adapter	24×0.5ml			PP/PC tube
	Adapter	24×0.2ml			PP/PC tube
	Angle Rotor	48×1.5-2.2ml	14000r/min	20379xg	PP/PC tube
	Adapter	48×0.5ml			PP/PC tube
	Adapter	48×0.2ml			PP/PC tube
	Angle Rotor	12×8×0.2ml	12000r/min	16985xg	PCR 8-tube strips
	Angle Rotor	10×15ml	13000r/min	19650xg	PP/PC tube(pointy bottom)
	Adapter	10×5ml			PP/PC tube
	Adapter	10×1.5ml			PP/PC tube
	Angle Rotor	6×50ml	13000r/min	18327xg	PP/PC tube(round/pointy bottom)
	Adapter	6×15ml			PP/PC tube
	Adapter	6×10ml			PP/PC tube
	Adapter	6×1.5ml			PP/PC tube
	Angle Rotor	4×10/100ml	11000r/min	13284xg	PP/PC tube(round bottom)
	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



Features

- Compact and space-saving centrifuge
- TG20-WS use A.C. Frequency conversion motor direct drive, high precision, low noise, long service life
- Microcomputer control, color break code LED screen display, program can be programmed and stored, speed, centrifugal force, time can be displayed at the same time.
- 3 levels damping for anti vibration. 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.
- TG20-WS 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
- Automatic rotor identification system, coded rotor identification prevents the rotor from over speeding.
- 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.
- Research Use 20000 rpm Centrifuge Machine TG20-WS features "Mute" patent technology. Noise level lower than 58 decibel at the highest rotational speed (patent no. ZL201721835868.9).
- Speed up to 21000rpm depends on rotor type
- With over-speed, over-temperature, electronic safety door lock and other multi-level protection functions to ensure the safety of man and machine.

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.

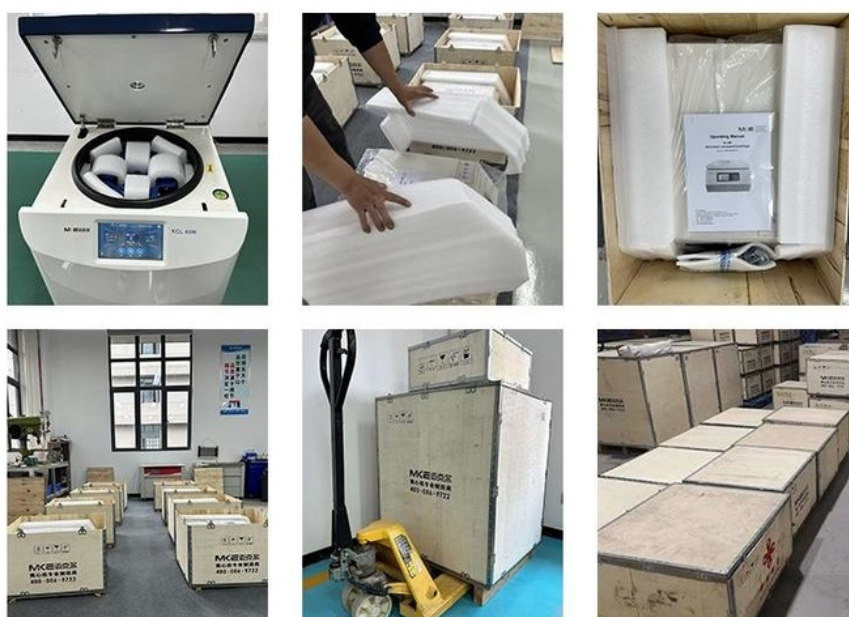


MKE Exhibition

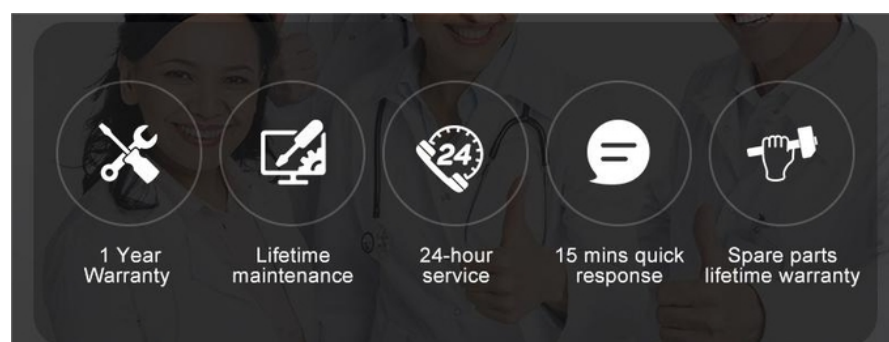


Packaging & Delivery

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.



+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