



Benchtop Professional Medical Laboratory High Speed Centrifuge with 16500 rpm 23120xg and 4*100ml Capacity

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MKE
- Model Number: TG16-WS
- Minimum Order Quantity: 1
- Price: \$568-648



Product Specification

- Material: Steel
- Size: 50*38*30cm
- Weight: 35kg
- Max Speed: 16500rpm
- Max RCF: 23120xg
- Max Capacity: 4*100ml
- Speed Accuracy: ± 10 rpm
- Power Supply: AC 220V 50Hz 5A
- Display: LED
- Voltage: 220-240V
- Noise Level: ≤ 58 dB(A)
- Motor Type: Frequency Converter Motor
- Net Weight: 30KGS
- Power Consumption: 600W
- Time Range: 0-99minutes



More Images



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Product Description

Benchtop Professional Max Capacity 4×100ml Medical Laboratory High Speed Centrifuge

Product Overview

Guarantee & Service

- 1 year for the entire machine, 3 years for the compressor, and 5 years for the motor
- Extended warranty option available for additional fee
- Factory maintenance includes freight and customs
- Lifelong technical support with remote assistance and on-site training
- Distributor assistance for installation and maintenance

Product Description

Our TG16-WS high speed centrifuge features a wide range of fixed-angle rotors, making it suitable for various tube types including PCR tubes, test tubes, and round-bottom tubes. With extraordinary capacity of 4 × 100 ml in a fixed angle rotor and high RCF values up to 23,120 × g, this all-purpose centrifuge is ideal for diverse laboratory applications.

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Key Advantages

- Compact, space-saving design with speed range up to 16,500 rpm
- Maximum RCF: 23,120 × g with capacity of 4 × 100ml
- A.C. Frequency conversion motor direct drive for high precision, low noise, and long service life
- Microprocessor control with color break code screen display
- Programmable operation with storage for 30 customized procedures
- Quiet technology with noise levels below 58 decibels (Patent No. ZL201721835868.9)
- Three-level damping system with 10 speed adjustment curves
- Comprehensive safety features including over-speed, over-temperature, and electronic safety door lock
- Durable metal housing with stainless steel centrifuge chamber, resistant to detergents and autoclaving

Technical Specifications

Speed range	0-16,500 rpm adjustable	Speed accuracy	±10 rpm
Max Capacity	4 × 100ml	RCF range	0-23,120 × g adjustable
Display	LED	Time range	0-99 minutes adjustable
Noise level	≤58 dB(A)	Acceleration/Deceleration	0-9 levels
Dimensions	470 × 345 × 295 mm	Motor	Frequency Converter motor
Net weight (without rotor)	30 kg	Power supply	AC220V, 50Hz, 600W

Available Rotor Accessories (All autoclavable)

No.	Rotor Type	Capacity	Max Speed	Max RCF	Note
1	Angle rotor	12 × 1.5/2.2ml	16,500 rpm	19,175 × g	PP/PC tube
2	Angle rotor	12 × 5ml	16,500 rpm	19,480 × g	PP/PC tube
3	Angle rotor	12 × 10ml	12,000 rpm	13,156 × g	PP/PC tube
4	Angle rotor	24 × 1.5/2.2ml	14,000 rpm	17,530 × g	PP/PC tube

5	Angle rotor	36 × 1.5/2.2ml	13,000 rpm	15,400 × g	PP/PC tube
6	Angle rotor	12 × 8 × 0.2ml	15,000 rpm	23,120 × g	PCR 8-tube strips
7	Angle rotor	10 × 15ml	11,000 rpm	14,745 × g	PP/PC tube
8	Angle rotor	6 × 50ml	11,000 rpm	12,175 × g	PP/PC tube
9	Angle rotor	4 × 10/100ml	10,000 rpm	10,975 × g	PP/PC tube

Frequently Asked Questions

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 with five-year motor warranty. We cover all repair costs including freight during warranty period.

Q: Do you offer centrifuges with voltage and plug options suitable for my country/region?

A: Yes, we provide various voltage and plug options to meet different country/region requirements.

Q: Are there customized options available for specific applications?

A: Absolutely! We offer customization options to meet specific application needs.

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