

4500 rpm 2000xg 12*15ml Blood Centrifuge Laboratory Centrifuge with LCD Display and CE Certification

Our Product Introduction

for more products please visit us on mkecentrifuge.com

Basic Information

- Place of Origin: Hunan, China
- Brand Name: MKE
- Certification: CE, ISO13485, ISO9001, SFDA
- Model Number: TCW45 (Old model: K450)
- Minimum Order Quantity: 1
- Price: \$503-541



Product Specification

- Material: Cold Rolled Steel
- Size: 430*320*220mm
- Weight: 18KG
- Max Speed: 4500 Rpm
- Max RCF: 2000xg
- Max Capacity: 12*15ml
- Matched Rotors: 3 Rotors
- Display: LCD
- Speed Accuracy: ± 10 rpm
- Voltage: 220V
- Noise Level: ≤ 58 dB(A)
- Power Supply: AC220V, 50HZ, 5A, 550W
- Chamber Material: 304# Stainless Steel
- Programs: 7 Programs
- Acceleration Time: 7 Seconds



More Images



Product Description

12×15ml Lab Medical Centrifuge Machine - Low Speed Tabletop Centrifuge Serofuge

CE Certificated Factory Supplier Medical Use 4500RPM Low Speed Cell Washing Centrifuge

One-year full unit warranty, five-year motor warranty

The Cell Washing Medical Centrifuge TCW45 is designed for lymphocyte cleaning in HLA examinations and red blood cell cleaning for freezing experiments in laboratories. This versatile centrifuge provides efficient cell washing and cleaning for various applications in medical and biochemical fields.

Contact us for discount distribution pricing.



Key Features

- Speed range up to 4500 r/min with Max RCF: 2000xg
- Max capacity: 12×15ml
- High-quality steel structure with built-in blast-proof steel chamber
- 304# stainless steel chamber (autoclavable, resistant to detergents and disinfection liquids)
- Frequency conversion motor drive with microprocessor control
- Observation window on lid for speed calibration and noise measurement
- LED screen displays Speed, Timer, RCF, Rotors, Program, Acceleration/Deceleration, and Error codes
- 7 preset programs for cleaning lymphocytes and separating red blood cells
- Ten speed stages with minimum 7 seconds for speed acceleration/deceleration
- Automatic rpm/rcf conversion and lid-locking system
- Self-diagnostic system with high-strength chamber-coating



Technical Specifications

Speed range (rpm)	0-4500rpm adjustable	Noise (dBA)	≤58dB(A)
Max Capacity (ml)	12×15ml	Dimension (mm)	430×320×220mm
RCF range (xg)	0-2000xg adjustable	Net weight (without rotor)	18KG
Power supply	AC220V, 50HZ, 5A, 550W		

Accessories (All rotors are autoclavable and customizable)

For Lymphocyte Cleaning

Rotor Name	Program	Capacity	Speed (r/min)	RCF (xg)	Centrifugal Time	Applications
White blood cell washing rotor	P1	12×2ml	4500	2000	180s (30-300s)	Isolation of lymphocytes, cultured cells
	P2	12×1.5 ml	3200	1000	3s	Platelet removal
	P3	12×0.5 ml	3200	1000	60s (30-120s)	Cleaning of lymphatic bulb

Red Blood Cell Washing Rotor

Rotor Name	Program	Capacity	Speed (r/min)	RCF (xg)	Centrifugal Time	Applications
Red blood cell washing rotor	P4	12×2ml	2100	500	60s (30-120s)	Blood group determination
	P5	12×2ml	3200	1000	15s (5-15s)	Cross-fit test
	P6	12×2ml	3200	1000	60s (30-120s)	Washing of blood cells
Angle Rotor	P7	12×15-10-5ml	3200	1247	60s (5-15s)	Cross-matching blood test



Applications



Warranty & Service

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

Company Profile

MKE is a manufacturer of centrifuges for laboratory, medical treatment, blood bank, life sciences, research, biotechnology, pharmaceutical, food safety, environment analysis, animal husbandry, and other sectors.

Based in Changsha, China, our factory operates under ISO 9001 and ISO 13485 standards, with SGS and Intertek factory inspection certifications. All products are CE certified and approved as Class II medical devices (IVD).

Our core team members have over 10 years of expertise in laboratory equipment, committed to delivering professional solutions and high-quality centrifuges.



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, five-year motor warranty. We won't charge clients for repairs during warranty period, including freight.

Q: How about samples?

A: We can send samples but freight and sample costs are charged.

Q: Which certifications do you have?

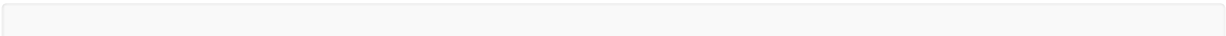
A: ISO9001, ISO13485, CE

Q: Do you offer voltage and plug options for different countries?

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

Q: Are customized options available?

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



Contact Now and Get Extra Discount



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