

High Performance Cold Refrigerated Centrifuge Benchtop Machine 21000 Rpm

Our Product Introduction

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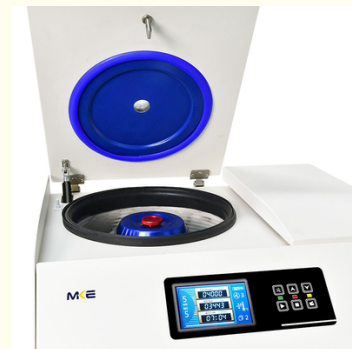
Basic Information

- Certification: CE,ISO13485,ISO9001,SFDA
- Model Number: TR21-M (old model:TGL-20M)
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Wooden Box
- Delivery Time: 7-15 work days
- Payment Terms: L/C,D/A,D/P,T/T,Western Union,MoneyGram
- Supply Ability: 100 set/month



Product Specification

- Applications: Hospitals, Veterinary Clinics, Food Labs, Universities & Colleges, Pharmaceutical Labs, Cell Culture Labs
- Max Speed: 21000rpm With Fixed Angle Rotor 12x1.5/2.2ml
- Max RCF: 31061xg
- Max Capacity: 4*100ml Fixed Angle Rotor
- Temperature Control Range: -20°C +40°C
- Matched Rotors: Fixed Angle Rotors
- Display: LCD
- 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 Warranty.
- Highlight: **High Performance refrigerated centrifuge benchtop**



More Images



Our Product

Product Description

Benchtop high speed refrigerated centrifuge TR21-M can reach a maximum speed of 21000rpm, it can fit fixed angle head rotors for variable volumes, the max capacity is 4*100ml. The refrigeration feature allows for temperature control during the separation process, which is important for maintaining the integrity of certain samples. It is designed to accommodate various types of fixed-angle rotors and adapters, making it suitable for high-speed centrifugation of volumes ranging from 0.2ml to 100ml. Its compact design makes it ideal for laboratories with limited space.

Design

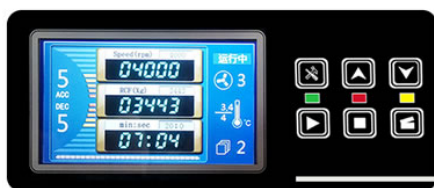
- Metal housing, metal lid, and stainless steel centrifuge chamber are autoclave-able and resistant to detergents and disinfection liquids.

- Observations window on lid for speed calibration and noise measurement.
- Microprocessor control with frequency conversion A.C. motor drive
- LCD Display the parameters of Speed, Timer, RCF, Rotors, Program(Memory), Acceleration& Deceleration information and Error code information.
- Double layers sealing ring made for the centrifuge lid and the instrument to keep long good sealing.



User friendly

- CFC-free refrigerant, temperature sensor inside the chamber, pre-cooling feature, precise temperature control up to -20°C .
- 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.
- 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
- 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.
- Noise level lower than 58 decibel at the highest rotational speed.
- Automatic rotor identification system, coded rotor identification prevents the rotor from over speeding.



Safety

- Safety and Standards Certification: CE
- Product Safety: EN61010-1 and EN 61010-2-020 ,
- Electromagnetic Compatibility: EN 61326-1
- Safety Electrical lid interlock, door can not open when rotor is running and machine won't run when lid open and error code appears.
- Emergency lid-lock release when power failure(very useful in an unexpected power interruption).
- Gas hinge for lid drop protection.
- Safety protections are made for the over speed, over heating(motor, chamber), imbalance etc to ensure the man machine safety.





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