

Low speed | Benchtop | Ventilated Centrifuge

T5-M



The low-speed centrifuge, popular in hospitals and blood processing centers, efficiently separates lab solutions and particles for biological sample analysis. Its adaptable design accommodates various rotor configurations and eliminates sanitary dead angles. With smooth transitions, polished surfaces, and stainless steel components, it features a LCD display for time, speed, and centrifugal force.

The benchtop low speed centrifuge T5-M is equipped with the angle rotor only.

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|------------------|---|
| Applications: | Hospitals, Veterinary clinics, Food labs, Universities & colleges, Pharmaceutical labs, Cell culture labs |
| Max.Speed | 5000 rpm |
| Max.Capacity | 24*15ml swing out rotor |
| Place of Origin: | China |
| Brand Name: | MKE |
| Model Number: | T5-M (old model: KC-42B) |
| Certification: | CE, ISO13485, ISO9001, SFDA |

Features:

Design



- Metal housing, metal lid, and 304# stainless steel centrifuge chamber are autoclave-able and resistant 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



- 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
- Automatic troubleshooting with indication of error code and alarm on the screen.
- Noise level lower than 55 decibel at the highest rotational speed.

Safety

- Produced according to international safety regulations (e.g. IEC 61010).
- 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.
- Gas hinge for lid drop protection.
- Safety protections are made for the over speed, imbalance and fault auto diagnosis etc to ensure the man machine safety.





Technical Specifications:

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|----------------------------------|----------------------|---|---------------------------|
| Speed range(rpm) | 0-5000rpm adjustable | Speed accuracy | ±10rpm |
| Max Capacity(ml) | 24*15ml | RCF range (xg) | 0-3354xg adjustable |
| Display | LCD | Time range | 0-99minutes 59 s |
| Noise(dBA) | ≦ 55dB(A) | Acceleration /Deceleration rates | 0-- 9 |
| Dimension(mm) | 430x320x250mm | Motor | Frequency Converter motor |
| Net weight(without rotor) | 20KGS | Power supply | AC220V,50HZ,5A,150W |

Diverse Choice of Rotors:

- Rotor, cap, buckets/adapters are autoclavable (maximum of 121°C, 20 minutes)

| No. | Item | Capacity | Max. speed | Max. RCF | Note |
|-----|------|----------|------------|----------|------|
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|--|-------------|--------------|-----------|--------|------------|
|  | Angle rotor | 24×15/10/5ml | 4500r/min | 2897xg | PP/PC tube |
| | Adapter | 24×2ml | | | |
| | Adapter | 24×1.5ml | | | |
|  | Angle rotor | 6×50ml | 5000r/min | 3354xg | PP/PC tube |
| | Adapter | 6×15/10ml | | | |
| | Adapter | 6×5/2ml | | | |

