

Ventilated | Low speed | Benchtop



TD-5Z

TD-5Z is a benchtop centrifuge for general application. It can fit tubes 15ml, 50ml, 100ml, for 15ml tube, it can run 32 tubes at a time. The centrifuge has a swing-out rotor especially for 48pcs 13mm vacuum blood collection tube. Also there's a microplate rotor for 96 well plate.

FEATURES

User-friendly functions

- > up to 100 user-defined programs
- > up to 20 rates acceleration and deceleration
- > up to 99h59m59s timer range
- > up to 5 stages multi-stage centrifugation mode available
- > LED screen shows important parameters
- > RCF can be set directly
- > 2 timer modes optional: HH:MM; MM:SS
- > User can reset parameters when rotor is spinning

Ensure safety

- > Microprocessor control
- > Electronic lid lock, controlled by independent motor
- > Lid can only be opened when rotor completely stops spin
- > Hydraulic rod supports the lid
- > Port in the lid for calibration and operation checking
- > Emergency lid-lock release



Good components

- > Motor: Variable frequency motor. stable running, maintenance free, long life
- > Housing: Thick and strong steel
- > Chamber: Food grade 304 stainless steel. anticorrosion and easy to clean
- > Rotor: Stainless steel swing out rotor.
- > Rotors are autoclavable

TECHNICAL DATA

Model	TD-5Z
Max Speed	5000rpm
Max RCF	4650xg
Max Capacity	8x100ml
Speed Accuracy	±10rpm

Time Setting	1s ~ 99h59m59s
Noise	≤60dB(A)
Power Consumption	500w
Dimension	550x430x350mm
Weight	40kg

AVAILABLE ROTORS

No.1



Rotor: Swing out rotor
Capacity: 4x100ml
Max speed: 5000rpm
Max RCF: 4650xg
Tube size: Φ38x114mm



Rotor: Swing out rotor
Capacity: 8x50ml
Max speed: 5000rpm
Max RCF: 4650xg
Tube size: Φ30x116mm

No.2



Rotor: Swing out rotor
Capacity: 32x15ml
Max speed: 4000rpm
Max RCF: 2980xg
Tube size: Φ17x121mm
Can choose adapters for blood tubes



Rotor: Swing out rotor
Capacity: 24x15ml
Max speed: 4000rpm
Max RCF: 2980xg
Tube size: Φ17x121mm
Can choose adapters for blood tubes

No.2



Rotor: Swing out rotor
Capacity: 8x50ml
Max speed: 4000rpm
Max RCF: 2980xg
Tube size: Φ30x116mm



Rotor: Swing out rotor
Capacity: 8x100ml
Max speed: 4000rpm
Max RCF: 2980xg
Tube size: Φ38x114mm



Rotor: Swing out rotor
Capacity: 48x2-7ml blood tube
Max speed: 4000rpm
Max RCF: 2980xg
Tube size: Φ13x75-100mm

No.3



Rotor: Microplate rotor
Capacity: 2x3x96 well plate
Max speed: 4000rpm
Max RCF: 1970xg
max: 128x87x60mm