

Ventilated | Low speed | Benchtop



Order No.:0101060000

TD-420

The TD-420 offers exceptional user comfort and a choice of 4 rotors, including the most popular swing out rotors for 15ml and 50ml tube. It adopts intelligent LCD touch screen, easily operate with gloves. Thanks to the strong operation system, it supports the multi-stage centrifugation and can store up to 1000 programs.

FEATURES

User-friendly functions

- > up to 1000 user-defined programs
- > up to 1000 run histories, can be exported via USB
- > up to 40 rates acceleration and deceleration
- > up to 5 stages multi-stage centrifugation mode available
- > up to 99h59m59s timer range, 1s increment

Ensure safety

- > Microprocessor control
- > Motorized electronic door lock
- > Door cannot be opened when rotor is spinning
- > Gas hinge to prevent door falling
- > Port in the door for calibration and operation checking
- > Emergency door lock release
- > Password to lock the device
- > Software to prevent overspeed

LCD touch screen

- > Simple and clear to show all parameters
- > Touch screen, easy to set parameters
- > RCF can be set directly
- > RPM and RCF covert automatically
- > User can set parameters even with gloves
- > User can reset parameters when rotor is spinning






Good components

- > Motor: Brushless variable frequency motor. stable running, maintenance free, long life
- > Housing: Thick and strong steel
- > Chamber: 304 stainless steel. anticorrosion and easy to clean
- > Rotor: Aluminum alloy fixed angle rotor; Stainless steel swing out rotor.
- > Rotors are autoclavable

TECHNICAL DATA

| | |
|-------------------|----------------|
| Max Speed | 4200rpm |
| Max RCF | 3285xg |
| Max Capacity | 4x100ml |
| Speed Accuracy | ±10rpm |
| Time Setting | 1s ~ 99h59m59s |
| Noise | ≤60dB(A) |
| Voltage | 220v/110v |
| Power Consumption | 500w |
| Dimension | 495x400x320mm |
| Weight | 27kg |

AVAILABLE ROTORS

| Swing out rotor | | | | | |
|---|--|----------------------------------|----------------|--|-------------------------------------|
| Rotor body | Holder | Order No. (Rotor body+holder) | Max speed/RCF | Adaptor | |
| | | | | Capacity | Order No. |
|  <p>Order No.: 1003030001</p> |  <p>Capacity: 16×15ml Order No.: 0495030910</p> | 0495030900 | 4200rpm/3259×g | 16×1×2ml | 1102010008 |
| | | | | 16×1×2ml blood tube | 1102010001 |
| | | | | 16×1×7ml blood tube | 1102010002 |
| | | | | 16×1×10ml blood tube | 1102010003 |
| |  <p>Capacity: 4×50ml Order No.: 0495030310</p> | 0495030300 | 4200rpm/3281×g | 4×1×5ml | 1102020001 |
| | | | | 4×1×10ml | 1102020002 1102020006/glass tube |
| | | | | 4×1×15ml conical tube | 1102020003 |
| | | | | 4×1×30ml | 1102020004 |
| |  <p>Capacity: 8×50ml Order No.: 0495030410</p> | 0495031200 | 4200rpm/3285×g | 8×1×5ml | 1102020001 |
| | | | | 8×1×10ml | 1102020002 1102020006/glass tube |
| | | | | 8×1×15ml conical tube | 1102020003 |
| | | | | 8×1×30ml | 1102020004 |
| |  <p>Capacity: 4×100ml Order No.: 0495030510</p> | 0495030500 | 4200rpm/3281×g | 4×4×2ml frozen storage tube | 1102030009 |
| | | | | 4×3×2ml | 1102030010 |
| | | | | 4×1×5ml | 1102030001 |
| | | | | 4×1×10ml | 1102030002 |
| 4×1×15ml conical tube | | | | 1102030003 | |
| 4×1×30ml | | | | 1102030004 | |
| 4×1×50ml | | | | 1102030005/round tube 1102030006/conical tube | |