

Ventilated | Low speed | Benchtop

DST-500



Product Overview

The DST-500 offers exceptional user comfort and a choice of 6 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.



Product 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

LCD TOUCH SCREEN

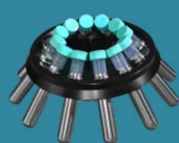
- > Simple and clear to show all parameters
- > Touch screen, easy to set parameters
- > RCF can be set directly
- > RPM and RCF convert automatically
- > User can set parameters even with gloves
- > User can reset parameters when rotor is spinning

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: Aluminum alloy fixed angle rotor;
Stainless steel swing out rotor.
- > Rotors are autoclavable



Model	DST-500
Max speed	5000rpm
Max RCF	4650xg
Max capacity	6x50ml
Timer range	1s to 99h59m59s
Speed accuracy	±10rpm
Noise	≤60dB(A)
Power consumption	500W
Dimension	495x400x420mm
Net weight	27kg



Rotor: Fixed angle rotor
Capacity: 12x15ml
Max Speed: 5000rpm
Max RCF: 3558xg
Tube Size: 17x121mm



Rotor: Fixed angle rotor
Capacity: 6x50ml
Max Speed: 5000rpm
Max RCF: 3558xg
Tube Size: 29x116mm



Rotor: Swing-out rotor
Capacity: 24x7ml blood tube
Max Speed: 5000rpm
Max RCF: 4650xg
Tube Size: 13x75-100mm



Rotor: Swing out rotor
Capacity: 16x15ml
Max Speed: 5000rpm
Max RCF: 4620xg
Tube Size: 17x121mm
Can choose adapters for blood tubes



Rotor: Swing out rotor
Capacity: 8x15ml
Max Speed: 5000rpm
Max RCF: 4620xg
Tube Size: 17x121mm



Rotor: Swing out rotor
Capacity: 4x50ml
Max Speed: 4000rpm
Max RCF: 2976xg
Tube Size: 29x116mm