

Ventilated | Low speed | Benchtop

TD-5M



Order No.:0101500000

TD-5M is a non-refrigerated large capacity centrifuge with a maximum capacity of 2L, which suitable with 0.2ml-500ml tube/bottle, standard blood tube and microplate. Also provide the rotor with biosafety cap for choice, can meet different centrifugal requirements.

FEATURES

User-friendly functions

- > up to 1000 user-defined programs
- > up to 5000 run histories, can be exported via USB
- > up to 40 rates acceleration and deceleration
- > up to 100 multi-step programs, each with 10 steps
- > Can set turn on and turn off time
- > Centrifugal radius can be corrected
- > Support short spin and continuous running

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
- > User management with 3 level operation permission
- > Imbalance detection by three axis gyroscope

LCD touch screen

- > 7" screen simply and clearly to show all parameters
- > Touch screen, easy to set parameters
- > RPM/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: Strong metal rotor
- > Rotors are autoclavable

TECHNICAL DATA



Max Speed	5000rpm
Max RCF	4499xg
Max Capacity	4x600ml
Speed Accuracy	±10rpm
Time Setting	1s ~ 99h59m59s
Noise	≤60dB(A)
Voltage	220v/110v
Power Consumption	900w
Dimension	548x460x374mm
Weight	57kg

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×100ml	0495030500	5000rpm/4379×g	4×3×2ml	1102030010
				4×4×2ml frozen storage tube	1102030009
				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

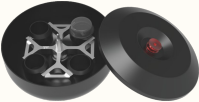
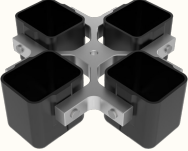
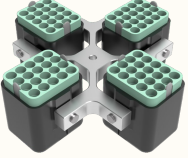

 Order No.: 0495150520	 Capacity: 32×15ml Order No.: 0495031110	0495031100	4000rpm/3094×g	32×1×2ml	1102010008
				32×1×2ml blood tube	1102010001
				32×1×7ml blood tube	1102010002
				32×1×10ml blood tube	1102010003
	 Capacity: 8×50ml Order No.: 0495030410	0495030400	4000rpm/3094×g	8×1×5ml	1102020001
				8×1×10ml	1102020002
				8×1×10ml glass tube	1102020006
				8×1×15ml conical tube	1102020003
				8×1×30ml	1102020004
	 Capacity: 8×100ml Order No.: 0495030610	0495030600	4000rpm/3094×g	8×4×2ml frozen storage tube	1102030009
				8×3×2ml	1102030010
				8×1×5ml	1102030001
				8×1×10ml	1102030002
8×1×15ml conical tube				1102030003	
8×1×30ml				1102030004	
8×1×50ml	1102030005/round tube 1102030006/conical tube				

AVAILABLE ROTORS











Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×15ml	0494500300	5000rpm/3465×g	12×1×2ml	1102010001/blood tube 1102010008/micro tube
				12×1×7ml blood tube	1102010002
				12×1×10ml blood tube	1102010003
	6×50ml	0494500400	5000rpm/3158×g	6×1×5ml	1102020001
				6×1×10ml	1102020002
				6×1×10ml glass tube	1102020006
				6×1×15ml conical tube	1102020003
				6×1×30ml	1102020004

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 48×2~7ml blood tube	0495180200	4000rpm/2788×g	/	/
	Capacity: 2×3×96 well (micro plate)	0495010200	4500rpm/2716×g	2×24×1.5/2ml	1102040001
	Capacity: 64×2~7ml blood tube decap	0495180800	4200rpm/3332×g	/	/
 Order No.: 0495050110	 Capacity: 4×300ml Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495050100	4200rpm/3332×g	4×15×1.5/2ml	1102060009
				4×16×7ml blood tube	0497011700
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	1102060004
				4×1×250ml	1102060005
 Capacity: 4×250ml conical bottle Order No.:1004010017	0495040900	4200rpm/3332×g	/	/	

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×250ml	0495040800	5000rpm/4499×g	4×8×2ml	1102050001
				4×8×2ml frozen storage tube	1102050015
				4×8×5ml	1102050010
				4×5×5ml conical tube	1102050002
				4×10×7ml blood tube	1102050013
				4×9×10ml	1102050014
				4×5×15ml conical tube	1102050003
				4×2×30ml glass tube	1102050012
				4×2×50ml	1102050004/conical tube 1102050005/round tube
				4×1×100ml	1102050006
	Capacity: 4×600ml Note: No suitable bottle, must choose adaptor	0495020200	4000rpm/3184×g	4×18×10ml	1102090017
				4×12×15ml conical tube	1102090016
				4×5×50ml conical tube	1102090015
	Capacity: 80×2~7ml blood tube decap	0495070100	4000rpm/3184×g	/	/
	Capacity: 108×2~7ml blood tube decap	0495070200	4000rpm/3184×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 <p>Capacity: 4×500ml Order No.: 1006010009 (without lid)</p> <p>Aerosol tight lid Order No.: 0495061110</p> <p>Note: Aerosol tight lid cannot be used when use 500ml bottle</p>		0495060100 (without lid)	4000rpm/3221×g	4×18×2ml	1102070001
				4×18×2ml frozen storage tube	1102070019
				4×19×7ml blood tube	0497010200
				4×14×10ml	1102070018
				4×14×10ml blood tube	1102070007
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	1102070020
				4×1×100ml	1102070005
				4×1×250ml	1102070006
 <p>Order No.: 0495180610</p>	 <p>Capacity: 4×500ml (square bucket) Order No.: 0495060510</p> <p>Note: No suitable bottle,must choose adaptor</p>	0495060200	4000rpm/3221×g	4×25×2ml	1102080001
				4×25×2ml frozen storage tube	1102080015
				4×22×5ml	1102080008
				4×28×7ml blood tube	0497010100
				4×20×10ml blood tube	1102080003
				4×10×15ml conical tube	0497010500
				4×6×30ml	1102080014
				4×5×50ml conical tube	0497010600
				4×2×100ml	1102080006
				4×1×250ml	1102080007
 <p>Capacity: 4×2×96 well (micro plate) Order No.: 0495060610</p>		0495060300	4000rpm/3221×g	4×24×1.5/2ml	1102040001
 <p>Capacity: 96×2~7ml (blood tube) Order No.: 0495180720</p>		0495180600	4000rpm/3221×g	/	/
 <p>Capacity: 148×5ml (RIA tube) Order No.: 0496061010</p>		0495060900	4000rpm/3221×g	/	/