Ventilated | High speed | Benchtop

BSCT-G1850



Order No.:0102090000

This benchtop centrifuge has been developed for large sample volumes. It has swing out rotors and fixed angle rotors, swing out rotors has a maximum capacity of 4 x 500 ml bottles, 112 blood tubes, 4x2x96 well plates or 40 x 15 ml conical tubes, fixed angle rotors can run 0.2ml to 100ml.

FEATURES

User-friendly functions

- 12 user-defined programs
- 19 rates acceleration and deceleration
- 1m to 9999min59s timer range
- LCD screen shows all parameters simply and clearly
- RCF can be set directly
- RPM and RCF covert automatically
- User can reset parameters when rotor is spinning



Ensure safety

- Automatic rotor recognition to prevent overspeed
- Imbalance detection by three axis gyroscope
- 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

Good components

- Motor: Brushless 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;
- Steel/Stainless steel swing out rotor.
- Rotors are autoclavable

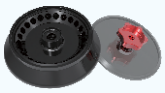
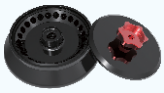
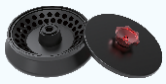
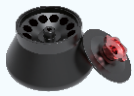
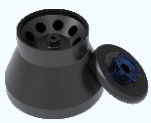
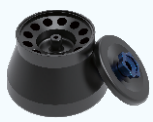


TECHNICAL DATA

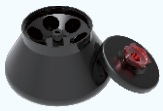
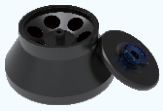
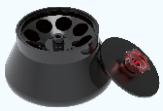
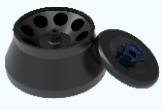
Max Speed	18500rpm
Max RCF	24760xg
Max Capacity	4x500ml
Speed Accuracy	±10rpm
Time setting	1m □ 9999m59s

Noise	□60dB(A)
Voltage	220v/110v
Power Consumption	750w
Dimension	550x450x390mm
Weight	49kg

AVAILABLE ROTORS

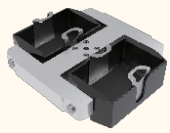
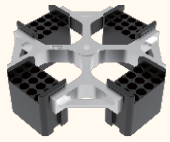
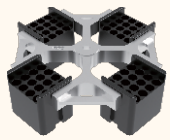
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020200	18500rpm/23800×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml	0494020600	15000rpm/21630×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494020500	16000rpm/24760×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	36×1.5/2ml	0494020800	13000rpm/15620×g	36×1×0.2ml	1101010001
				36×1×0.5ml	1101010002
	48×1.5/2ml	0494020900	12000rpm/15970×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	12×5ml	0494030200	15000rpm/18270×g	12×1×1.8ml frozen storage	1101020002
				12×1×2ml frozen storage	1101020004
				12×1×2ml	1101020001
	12×10ml	0494040200	13000rpm/15620×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	8×15ml conical tube	0494050100	13000rpm/15620×g	8×1×5ml	1101040001
				8×1×10ml	1101040002
	12×15ml conical tube	0494050200	10000rpm/10640×g	12×1×5ml	1101040001
				12×1×10ml	1101040002

AVAILABLE ROTORS

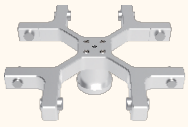
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×50ml round tube	0494070100	12000rpm/15970×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml	1101060005
				6×1×30ml	1101060002
	6×50ml conical tube	0494070200	12000rpm/15970×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	1101070012
				6×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				6×1×15ml conical tube	1101070001
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	8×50ml round tube	0494070400	10000rpm/10640×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	8×50ml conical tube	0494070500	10000rpm/10640×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	1101070012
				8×1×10ml	1101070006/glass tube 1101070007/conical tube
				8×1×15ml conical tube	1101070001
				8×1×25ml	1101070010
				8×1×50ml round tube	1101070002

AVAILABLE ROTORS

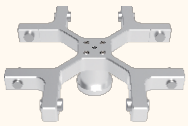
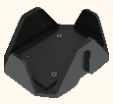
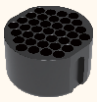
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	4×100ml	0494080100	10000rpm/10640×g	4×1×5ml	1101080007
				4×1×10ml	1101080001
				4×1×15ml conical tube	1101080002
				4×1×30ml	1101080003
				4×1×50ml	1101080005/conical tube 1101080004/round tube
	6×100ml	0494080200	8000rpm/7720×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2×3×96 well (micro plate)	0495010300	4000rpm/1970×g	2×24×1.5/2ml	1102040001
	Capacity: 48×2~7ml blood tube	0495180400	4000rpm/3100×g	/	/
	Capacity: 64×2~7ml blood tube	0495180500	4000rpm/3100×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×250ml	0495040200	4000rpm/3100×g	4×8×2ml	1102050001
				4×8×2ml frozen storage tube	1102050015
				4×8×5ml round tube	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
 Order No.: 0495180710	 Capacity: 4×500ml Order No.: 1006010009 Aerosol tight lid Order No.: 0495061110 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495060400 (without lid) 0495061300 (with lid)	4000rpm/3400×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

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495180710	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495060500	4000rpm/3400×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
	 Capacity: 4×2×96 well (micro plate) Order No.: 0495060610	0495060600	4000rpm/3400×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.: 0495180720	0495180700	4000rpm/3400×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.: 0496061010	0495061000	4000rpm/3400×g	/	/