BIOSPECTRIX PVT LTD

Refrigerated | Low speed | Benchtop

BSCT-L6M

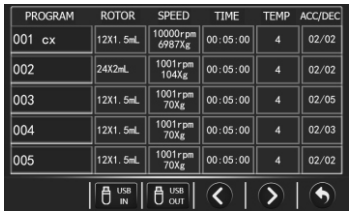


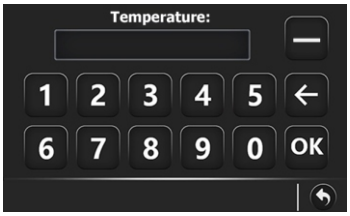
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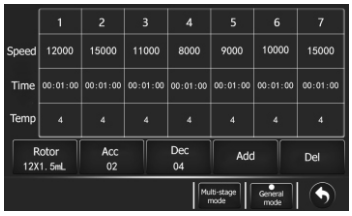
LCD touch screen

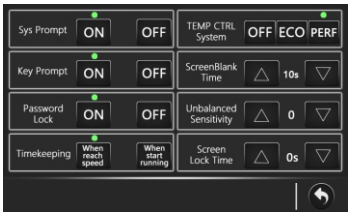
- Simple and clear to show all parameters
- Touch screen,easy to set parameters
- RCF can be set directly
- Intelligent status display,real-time and real values
- User can set parameters even with gloves
- User can reset parameters when rotor is spinning











FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 100000 run histories,can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>Reservation:can reserve cooling,turn on and turn off time
>Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations.

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>□1°C high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management with permission allocation
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

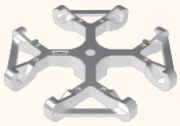
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

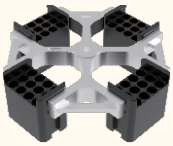
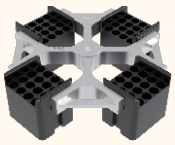
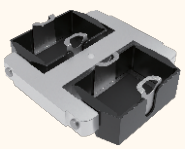
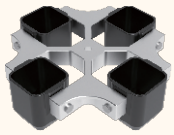
Max Speed	6000rpm	Time Setting	1s □ 99h59m59s
Max RCF	5201xg	Noise	□56dB(A)
Max Capacity	4x750ml	Voltage	220v/110v
Temperature Range	-20°C □ +40°C	Power Consumption	1500w
Temperature Accuracy	□1°C	Dimension	600x680x420mm
Speed Accuracy	±10rpm	Weight	108kg

AVAILABLE ROTORS

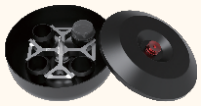
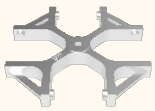
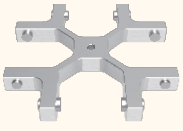
Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495030720	 Capacity: 4×50ml Order No.: 0495030310	0495030300	5000rpm/4650×g	4×1×5ml	1102020001
				4×1×10ml	1102020002
				4×1×15ml conical tube	1102020003
				4×1×30ml	1102020004
				4×1×10ml glass tube	1102020006
	 Capacity: 4×100ml Order No.: 0495030510	0495030500	5000rpm/4650×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
 Order No.: 0495150520	 Capacity: 32×15ml Order No.: 0495031110	0495031100	4000rpm/2980×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/2980×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/2980×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

AVAILABLE ROTORS

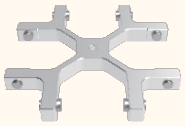
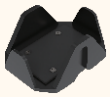
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×15ml	0494500300	6000rpm/5123×g	12×1×2ml	1102010001/blood tube 1102010008/micro tube
				12×1×7ml blood tube	1102010002
				12×1×10ml blood tube	1102010003
	6×50ml	0494500400	6000rpm/5123×g	6×1×5ml	1102020001
				6×1×10ml	1102020002
				6×1×10ml glass tube	1102020006
				6×1×15ml conical tube	1102020003
				6×1×30ml	1102020004

Swing out rotor					
Rotor	Holder	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 48×2~7ml blood tube	0495180200	4000rpm/2980×g	/	/
	Capacity: 64×2~7ml blood tube	0495180300	4000rpm/2980×g	/	/
	Capacity: 2×3×96 well micro plate)	0495010200	4000rpm/1971×g	2×24×1.5/2ml	1102040001
	Capacity: 4×300ml Note: No suitable bottle,must choose adaptor	0495050100	4000rpm/3023×g	4×15×1.5/2ml	1102060009
				4×16×7ml blood tube decap	0497011000
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	1102060004
				4×1×250ml	1102060005

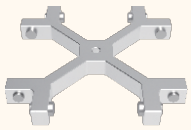
AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×250ml	0495040800	5000rpm/5201×g	4×8×2ml	1102050001
				4×8×2ml frozen storage	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
 Order No.: 0495180310	Capacity: 4×250ml conical bottle Order No.:0495040410	0495040400	4200rpm/3551×g	/	/
	Capacity: 8x50ml Order No.:1004010008		4200rpm/3551×g	/	/
 Order No.: 0495070110	 Capacity: 4×600ml Order No.: 1007010002 Note: No suitable bottle,must choose	0495070100	4000rpm/3400×g	4×20×2~7ml blood tube decap	0497010700
				4×20×10ml blood tube	1102090009
				4×12×15ml conical tube	1102090010
				4×5×50ml conical tube	1102090011
	 Capacity: 4×27×2~7ml blood tube decap Order No.:	0495070200	4000rpm/3184×g	4×27×2~7ml	0497011400

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495180610	 Capacity: 4×500ml Order No.: 1006010009 (without lid) Aerosol tight lid Order No.: 0495061110 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495060100 (without lid) 0495061200 (with lid)	4200rpm/3551×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
	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495060200	4200rpm/3551×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.:	0495060300	4200rpm/3551×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.:	0495180600	4200rpm/3551×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.:	0495060900	4200rpm/3551×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495190110	 Capacity: 4×700ml Order No.: 0495190120 Note: No suitable bottle,must choose adaptor	0495190100	4000rpm/3500×g	4×14×15ml conical tube	1102100010
				4×5×50ml conical tube	1102100009
				4×1×250ml conical bottle	1102100008
				4×1×500ml conical bottle	1102100007
	 Capacity: 4×750ml Order No.: 0495190220	0495080100	4000rpm/3500×g	4×24×2ml	1102100011
				4×24×2ml frozen storage tube	1102100020
				4×37×5ml RIA tube	1102100021
				4×24×7ml blood tube	1102100001
				4×18×10ml	1102100019
				4×14×15ml	1102100017/round tube 1102100002/conical tube
				4×8×30ml	1102100018
				4×7×50ml conical tube	1102100003
				4×3×100ml	1102100004
				4×1×250ml	1102100005
				4×1×500ml	1102100006
	Capacity: 6×250ml	0495040600	4000rpm/3581×g	/	/