BIOSPECTRIX PVT LTD

Ventilated | High speed | Benchtop



BSCT-G20

Order No.:0102110000

BSCT-G20 high speed benchtop centrifuge spins sample volumes up to 6 x 100 ml, 48x1.5/2.2ml tubes or 8 x 50 ml conical tubes with a intelligent LCD touch screen. For 24x1.5/2.2 mL tubes, aerosol-tight rotor is optional.

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

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

Ensure safety

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

Good components

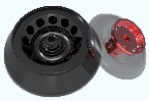
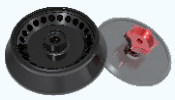
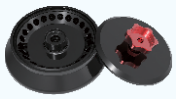
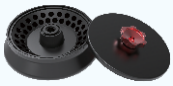
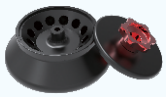
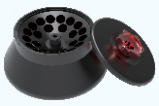
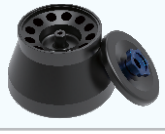
>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
>Rotors are autoclavable

TECHNICAL DATA

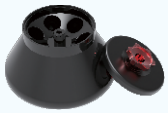
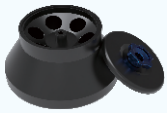
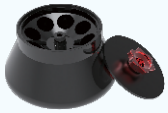
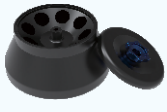
Model	TG-20
Max Speed	20000rpm
Max RCF	27994xg
Max Capacity	6x100ml
Speed Accuracy	±10rpm
Time Setting	1s 99h59m59s
Noise	60dB(A)
Voltage	220v/110v
Power Consumption	500w
Dimension	440x360x315mm
Weight	29kg

BioSpectrix Pvt. Ltd | Plot-211, 3rd Floor, Okhla Industrial Area, Phase-3, New Delhi -110020, India | www.biospectrix.co | sales@biospectrix.co

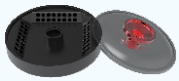
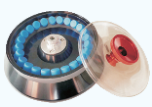
AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020200	20000rpm/27994×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml	0494020600	16000rpm/24814×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494020500	16000rpm/24814×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	36×1.5/2ml	0494020800	13000rpm/15625×g	36×1×0.2ml	1101010001
				36×1×0.5ml	1101010002
	48×1.5/2ml	0494020900	12000rpm/15712×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	12×5ml	0494030200	15000rpm/18287×g	12×1×1.8ml frozen storage tube	1101020002
				12×1×2ml frozen storage tube	1101020004
				12×1×2ml	1101020001
	6×10ml	0494040100	16000rpm/19004×g	6×1×2ml	1101030001
				6×1×5ml	1101030002
	12×10ml	0494040200	13000rpm/15625×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	24×10ml	0494040400	10000rpm/11045×g	24×1×2ml	1101030001
				24×1×5ml	1101030002
	8×15ml conical tube	0494050100	13000rpm/14945×g	8×1×5ml	1101040001
				8×1×10ml	1101040002
	12×15ml conical tube	0494050200	11000rpm/11045×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/15712×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/15712×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	1101070001/conical tube
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	8×50ml round tube	0494070400	10000rpm/11045×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/11045×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 1101070008/round tube
				8×1×15ml	1101070001/conical tube
				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.
	6×30ml	0494060100	13000rpm/15620×g	6×1×5ml	1101050002
				6×1×10ml	1101050001
	4×100ml	0494080100	11000rpm/12870×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	9000rpm/9770×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
	8×8×0.2ml PCR strip	0494010500	13000rpm/14640×g	/	/
	24×2ml frozen storage tube	0494021600	16000rpm/24814×g	/	/