BIOSPECTRIX PVT LTD

Refrigerated | High speed | Benchtop

BSCT-GL16R



Order No.:0104020000

BSCT-GL16R is a practical benchtop refrigerated centrifuge which can hold sample volume from 0.2mL-6x100ml. All steel body,LCD and LED dual screen display.Max speed can reach 16500rpm.This unit includes refrigeration with a temperature range from -20°C to +40°C.

FEATURES

User-friendly functions

>12 user-defined programs
>40 rates acceleration and deceleration
>up to 99h59m timer range
>RCF can be set directly.
>LCD&LED screen show parameters simply and clearly
>Water-proof touch key pad,each parameter has corresponding button to set
>User can reset parameters when rotor is spinning

Refrigeration

>Good compressor unit
>-20°C to +40°C ,1°C increment
>□1°C high temperature accuracy
>CFC-free refrigerant
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin

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
>Various protections to ensure safe centrifugation

Good components

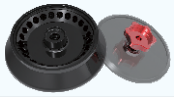
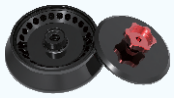
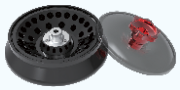
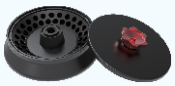
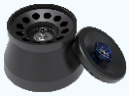
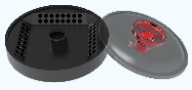
>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy rotor
>Rotors are autoclavable

TECHNICAL DATA

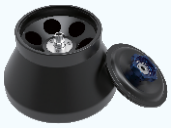
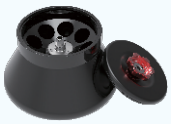
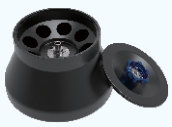
Max Speed	16500rpm
Max RCF	24760xg
Max Capacity	6x100ml
Temperature Range	-20°C □ +40°C
Temperature Accuracy	□1°C
Speed Accuracy	□10rpm
Time Setting	1m □ 99h59m/Pulse
Noise	□60dB(A)
Voltage	220v/110v
Power Consumption	1200w
Dimension	420x625x370mm
Weight	53kg

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	16500rpm/19000×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml	0494020600	16000rpm/24760×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 tube	1101020002
				12×1×2ml frozen storage tube	1101020004
				12×1×2ml	1101020001
	6×10ml	0494040100	16000rpm/19070×g	6×1×2ml	1101030001
				6×1×5ml	1101030002
	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	11000rpm/12870×g	12×1×5ml	1101040001
				12×1×10ml	1101040002
	6×30ml	0494060100	13000rpm/15620×g	6×1×5ml	1101050002
				6×1×10ml	1101050001
	8×8×0.2ml PCR strip	0494010500	13000rpm/14640×g	/	/
	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

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 conical tube	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	1101070001/conical tube
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	8×50ml round tube	0494070400	11000rpm/12870×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	11000rpm/12870×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
	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