BIOSPECTRIX PVT LTD

Ventilated | High speed | Benchtop



BSCT-G16

Order No.:010101600

BSCT-G16 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-defned programs
>up to 1000 run histories,can be expor ed 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 utomatically
>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 n the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device

Good components

>Motor: Variable frequency motor.
stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel with tefon coating.
anticorrosion and easy to clean
>Rotor: Aluminum alloy fxed angle rotor;
Steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

Model	TG-16
Max Speed	16500rpm
Max RCF	24814xg
Max Capacity	6x100ml
Speed Accuracy	±10rpm
Time Setting	1s ~ 99h59m59s
Noise	≤ 60dB(A)
Power Consumption	500w
Dimension	440x360x315mm
Weight	29kg

AVAILABLE ROTORS

No.1



Order No.:10101200020

Rotor:Fixed angle rotor
Capacity:12x1.5/2.2ml
Max speed:16500rpm
Max RCF:19053×g
Tube size:Φ11x42mm

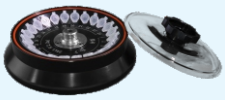
No.2



Order No.:10101200050

Rotor:Fixed angle rotor
Capacity:12x5ml
Max speed:15000rpm
Max RCF:18287×g
Tube size:Φ14x54mm

No.3



Order No.:10102400020

Rotor:Fixed angle rotor
Capacity:24x1.5/2.2ml
Max speed:16000rpm
Max RCF:24814×g
Tube size:Φ11x42mm

No.3



Order No.:10102400021

Rotor:Fixed angle rotor
(aerosol tight)
Capacity:24x1.5/2.2ml
Max speed:16000rpm
Max RCF:24814×g
Tube size:Φ11x42mm

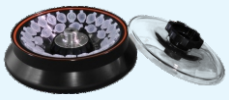
No.4



Order No.:10101200100

Rotor:Fixed angle rotor
Capacity:12×10ml
Max speed:13000rpm
Max RCF:15625×g
Tube size:Φ16×86mm

No.4



Order No.:10103600020

Rotor:Fixed angle rotor
Capacity:36x1.5/2.2ml
Max speed:13000rpm
Max RCF:15625×g
Tube size:Φ11x42mm

No.5



Order No.:10100600502

Rotor:Fixed angle rotor
Capacity:6×50ml conical bottom
Max speed:12000rpm
Max RCF:15712×g
Tube size:Φ29×116mm



Order No.:10100600503

Rotor:Fixed angle rotor
Capacity:6×50ml round bottom
Max speed:12000rpm
Max RCF:15712×g
Tube size:Φ29×111mm

No.5



Order No.:10104800020

Rotor:Fixed angle rotor
Capacity:48×1.5/2.2ml
Max speed:12000rpm
Max RCF:15712×g
Tube size:Φ11×42mm

No.6



Order No.:10100401000

Rotor:Fixed angle rotor
Capacity:4x100ml
Max speed:10000rpm
Max RCF:11045×g
Tube size:Φ38x123mm

No.6



Order No.:10100800502

Rotor:Fixed angle rotor
Capacity:8x50ml conical bottom
Max speed:10000rpm
Max RCF:11045×g
Tube size:Φ29x116mm



Order No.:10100800503

Rotor:Fixed angle rotor
Capacity:8x50ml round bottom
Max speed:10000rpm
Max RCF:11045×g
Tube size:Φ29x111mm

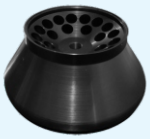
No.6



Order No.:10101200150

Rotor:Fixed angle rotor
Capacity:12x15ml
Max speed:10000rpm
Max RCF:11045×g
Tube size:Φ17x121mm

No.6



Order No.:10102400100

Rotor:Fixed angle rotor
Capacity:24x10ml
Max speed:10000rpm
Max RCF:11045×g
Tube size:Φ16x86mm

No.7



Order No.:10100600100

Rotor:Fixed angle rotor
Capacity:6x10ml
Max speed:16000rpm
Max RCF:19004×g
Tube size:Φ16x86mm

No.8



Order No.:10100800150

Rotor:Fixed angle rotor
Capacity:8x15ml
Max speed:13000rpm
Max RCF:14945×g
Tube size:Φ17x121mm

No.8



Order No.:10100600300

Rotor:Fixed angle rotor
Capacity:6x30ml
Max speed:13000rpm
Max RCF:14945×g
Tube size:Φ25.5x100mm

No.9



Order No.:10100800024

Rotor:Fixed angle rotor
Capacity:8x0.2ml PCR strip
Max speed:13000rpm
Max RCF:14643×g

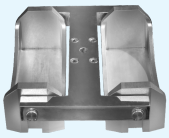
No.10



Order No.:10100601000

Rotor:Fixed angle rotor
Capacity:6x100ml
Max speed:8000rpm
Max RCF:7720×g
Tube size:Φ38x123mm

No.11



Order No.:10000400024

Rotor:Microplate rotor
Capacity:2x2×48 well plate
Max speed:4000rpm
Max RCF:1538×g
max: 128×48x60mm