

Ventilated | High speed | Benchtop

TG-18



Order No.:010101800

TG-18 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

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

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

Good components

- >Motor: 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; Steel swing out rotor.
- >Rotors are autoclavable

TECHNICAL DATA

Model	TG-18
Max Speed	18000rpm
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



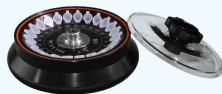
Order No.:10101200020
Rotor:Fixed angle rotor
Capacity:12x1.5/2.2ml
Max speed:18000rpm
Max RCF:22675×g
Tube size:Φ11x42mm

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



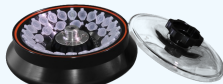
Order No.:10102400021
Rotor:Fixed angle rotor
(aerosol tight)
Capacity:24x1.5/2.2ml
Max speed:16000rpm
Max RCF:24814×g
Tube size:Φ11x42mm

No.4



Order No.:10101200100
Rotor:Fixed angle rotor
Capacity:12x10ml
Max speed:13000rpm
Max RCF:15625×g
Tube size:Φ16x86mm

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:6x50ml conical bottom
Max speed:12000rpm
Max RCF:15712×g
Tube size:Φ29x116mm



Order No.:10100600503
Rotor:Fixed angle rotor
Capacity:6x50ml round bottom
Max speed:12000rpm
Max RCF:15712×g
Tube size:Φ29x111mm

No.5



Order No.:10104800020
Rotor:Fixed angle rotor
Capacity:48x1.5/2.2ml
Max speed:12000rpm
Max RCF:15712×g
Tube size:Φ11x42mm

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



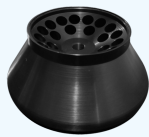
Order No.:10100800503
Rotor:Fixed angle rotor
Capacity:8x50ml round bottom
Max speed:10000rpm
Max RCF:11045×g
Tube size:Φ29x111mm

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



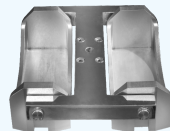
Order No.:10100800024
Rotor:Fixed angle rotor
Capacity:8x0.2ml PCR strip
Max speed:13000rpm
Max RCF:14643×g

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:2x2x48 well plate
Max speed:4000rpm
Max RCF:1538×g
max: 128x48x60mm