

Ventilated | High speed | Benchtop

TG-18



Order No.:0102080000

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

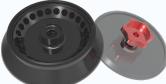
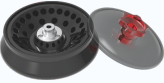
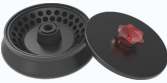
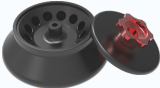
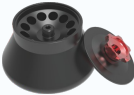
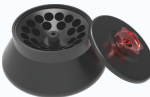
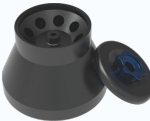
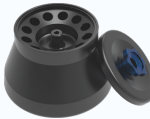
Good components

- >Motor: 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

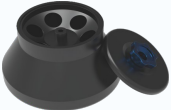
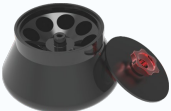
TECHNICAL DATA

Model	TG-18
Max Speed	18000rpm
Max RCF	24814xg
Max Capacity	6x100ml
Speed Accuracy	±10rpm
Time Setting	1s ~ 99h59m59s
Noise	≤60dB(A)
Voltage	220v
Power Consumption	500w
Dimension(WxDxH)	360x440x315mm
Weight	29kg

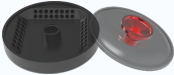
AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020200	18000rpm/22675×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 round bottom	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 round bottom	0494040100	16000rpm/19004×g	6×1×2ml	1101030001
				6×1×5ml	1101030002
	12×10ml round bottom	0494040200	13000rpm/15625×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	24×10ml round bottom	0494040400	10000rpm/11045×g	24×1×2ml	1101030001
				24×1×5ml	1101030002
	8×15ml conical bottom	0494050100	13000rpm/14945×g	8×1×5ml	1101040001
				8×1×10ml	1101040002
	12×15ml conical bottom	0494050200	10000rpm/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 bottom	0494070100	12000rpm/15712×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 bottom	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 conical tube	1101070001
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	8×50ml round bottom	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 bottom	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 conical tube	1101070001
				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 round bottom	0494060100	13000rpm/14945×g	6×1×5ml	1101050002
				6×1×10ml	1101050001
	4×100ml round bottom	0494080100	10000rpm/11045×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 round bottom	0494080200	8000rpm/7720×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/14643×g	/	/
	24×2ml frozen storage tube	0494021800	16000rpm/24814×g	/	/