

Ventilated | High speed | Benchtop

TG-1850



This benchtop centrifuge has been developed for large sample volumes. It has swing out rotors and fixed angle rotors, swing out rotors has a maximum capacity of 4 x 500 ml bottles, 112 blood tubes, 4x2x96 well plates or 40 x 15 ml conical tubes, fixed angle rotors can run 0.2ml to 100ml.

FEATURES

User-friendly functions

- >12 user-defined programs
- >19 rates acceleration and deceleration
- >1m to 9999min59s timer range
- >LCD screen shows all parameters simply and clearly
- >RCF can be set directly
- >RPM and RCF covert automatically
- >User can reset parameters when rotor is spinning

Ensure safety

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

Good components

- >Motor: Variable frequency motor.
stable running,maintenance free,long life
- >Housing: Thick and strong steel
- >Chamber: Food grade 304 stainless steel.
anticorrosion and easy to clean
- >Rotor: Aluminum alloy fixed angle rotor;
Steel/Stainless steel swing out rotor.
- >Rotors are autoclavable

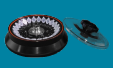


TECHNICAL DATA

Model	TG-1850	Time Setting	1m ~ 9999m59s
Max Speed	18500rpm	Noise	≤60dB(A)
Max RCF	24760xg	Power Consumption	750w
Max Capacity	4x500ml	Dimension	550x450x390mm
Speed Accuracy	±10rpm	Weight	49kg

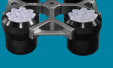
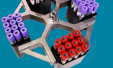
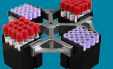
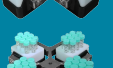
AVAILABLE ROTORS

Fixed angle rotors

	Capacity	Max Speed	Max RCF	Tube Size	Order No.
	12x1.5/2.2ml	18500rpm	23800xg	11x42mm	10101200020
	12x5ml	15000rpm	18270xg	14x54mm	10101200050
	24x1.5/2.2ml	15000rpm	21630xg	11x42mm	10102400020
	24x1.5/2.2ml (aerosol tight)	16000rpm	24760xg	11x42mm	10102400021
	12x10ml	13000rpm	15620xg	16x86mm	10101200100
	36x1.5/2.2ml	13000rpm	15620xg	11x42mm	10103600020
	8x15ml	13000rpm	15620xg	17x121mm	10100800150
	6x50ml (conical bottom)	12000rpm	15970xg	29x116mm	10100600502
	6x50ml (round bottom)	12000rpm	15970xg	29x111mm	10100600503
	48x1.5/2.2ml	12000rpm	15970xg	11x42mm	10104800020
	4x100ml	10000rpm	10640xg	38x123mm	10100401000
	8x50ml (conical bottom)	10000rpm	10640xg	29x116mm	10100800502
	8x50ml (round bottom)	10000rpm	10640xg	29x111mm	10100800503
	12x15ml	10000rpm	10640xg	17x121mm	10101200150
	6x100ml	8000rpm	7720xg	38x123mm	10100601000

Swing-out rotors

	2x3x96 well plate	4000rpm	1970xg	128x87x60mm	10000600024
	4x2x96 well plate	4000rpm	3400xg	128x87x60mm	10000800024

	Capacity	Max Speed	Max RCF	Tube Size	Order No.
	4x250ml	4000rpm	3100xg	63x121mm	10000402500
	Adapter 8x50ml in 4x250ml	4000rpm	3100xg	29.5x116mm	10200800502
	Adapter 20x15ml in 4x250ml	4000rpm	3100xg	17x121mm	10202000150
	Adapter 36x10ml in 4x250ml	4000rpm	3100xg	16.5x86-110mm	10203600100
	Adapter 40x7ml (blood tube) in 4x250ml	4000rpm	3100xg	13x100mm	10204000077
	48x2-7ml (blood tube)	4000rpm	3100xg	13x75-100mm	10004800077
	64x2-7ml (blood tube)	4000rpm	3100xg	13x75-100mm	10006400077
	4x500ml	4000rpm	3400xg	80x137mm	10000405000
	Adapter 16x50ml (normal) (aerosol tight) in 4x500ml	4000rpm	3400xg	29x116mm	10201600500 10201600501
	Adapter 36x15ml (normal) (aerosol tight) in 4x500ml	4000rpm	3400xg	17x121mm	10203600150 10203600151
	Adapter 76x7ml (normal) (aerosol tight) in 4x500ml	4000rpm	3400xg	13x75-100mm	10207600077 10207600071
	20x50ml	4000rpm	3400xg	29.5x116mm	10002000500
	40x15ml	4000rpm	3400xg	17x121mm	10004000150
	80x10ml (blood tube)	4000rpm	3400xg	15x100mm	10008000107
	112x2-7ml (blood tube)	4000rpm	3400xg	13x75-100mm	10011200077
	100x1.5ml	4000rpm	3400xg	11x42mm	10010000020
	148x5ml (RIA tube)	4000rpm	3400xg	13x75-100mm	10014800050
	96x2-7ml (blood tube)	4000rpm	3400xg	13x75-100mm	10009600077