

Ventilated | High speed | Benchtop

TI-HS-1850KNR



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

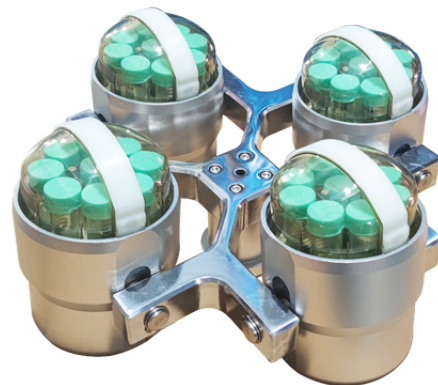
- >up to 1000 user-defined programs
- >up to 1000 run histories,can be exported via USB
- >up to 40 rates acceleration and deceleration
- >up to 5 stages multi-stage centrifugation mode available
- >up to 99h59m59s timer range, 1s increment

Ensure safety

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


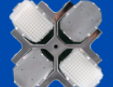
Model	TI-HS-1850KNR	Time Setting	1m ~ 9999m59s
Max Speed	18500rpm	Noise	≤60dB(A)
Max RCF	24760xg	Power Consumption	750w
Max Capacity	4x500ml	Dimension	550x450x390mm
Speed Accuracy	±10rpm	Weight	49kg




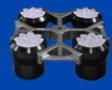
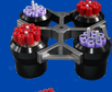
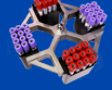
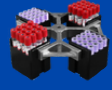






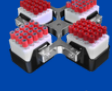
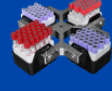

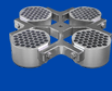
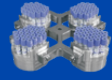
AVAILABLE ROTORS

Fixed angle rotors

	Capacity	Max Speed	Max RCF	Tube Size
	12x1.5/2.2ml	18500rpm	23800xg	11x42mm
	12x5ml	15000rpm	18270xg	14x54mm
	24x1.5/2.2ml	15000rpm	21630xg	11x42mm
	24x1.5/2.2ml (aerosol tight)	16000rpm	24760xg	11x42mm
	12x10ml	13000rpm	15620xg	16x86mm
	36x1.5/2.2ml	13000rpm	15620xg	11x42mm
	8x15ml	13000rpm	15620xg	17x121mm
	6x50ml (conical bottom)	12000rpm	15970xg	29x116mm
	6x50ml (round bottom)	12000rpm	15970xg	29x111mm
	48x1.5/2.2ml	12000rpm	15970xg	11x42mm
	4x100ml	10000rpm	10640xg	38x123mm
	8x50ml (conical bottom)	10000rpm	10640xg	29x116mm
	8x50ml (round bottom)	10000rpm	10640xg	29x111mm
	12x15ml	10000rpm	10640xg	17x121mm
	6x100ml	8000rpm	7720xg	38x123mm

Swing-out rotors

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

	Capacity	Max Speed	Max RCF	Tube Size
	4x250ml	4000rpm	3100xg	63x121mm
	Adapter 8x50ml in 4x250ml	4000rpm	3100xg	29.5x116mm
	Adapter 20x15ml in 4x250ml	4000rpm	3100xg	17x121mm
	Adapter 36x10ml in 4x250ml	4000rpm	3100xg	16.5x86-110mm
	Adapter 40x7ml (blood tube) in 4x250ml	4000rpm	3100xg	13x100mm
	48x2-7ml (blood tube)	4000rpm	3100xg	13x75-100mm
	64x2-7ml (blood tube)	4000rpm	3100xg	13x75-100mm
	4x500ml	4000rpm	3400xg	80x137mm
	Adapter 16x50ml (normal) (aerosol tight) in 4x500ml	4000rpm	3400xg	29x116mm
	Adapter 36x15ml (normal) (aerosol tight) in 4x500ml	4000rpm	3400xg	17x121mm
	Adapter 76x7ml (normal) (aerosol tight) in 4x500ml	4000rpm	3400xg	13x75-100mm
	20x50ml	4000rpm	3400xg	29.5x116mm
	40x15ml	4000rpm	3400xg	17x121mm
	80x10ml (blood tube)	4000rpm	3400xg	15x100mm
	112x2-7ml (blood tube)	4000rpm	3400xg	13x75-100mm
	100x1.5ml	4000rpm	3400xg	11x42mm
	148x5ml (RIA tube)	4000rpm	3400xg	13x75-100mm
	96x2-7ml (blood tube)	4000rpm	3400xg	13x75-100mm