TDL5M Table Top Low Speed Refrigerated Centrifuge

Table Top low Speed refrigerated Centrifuge is used in the medical, biochemical, biological products, pharmaceutical industry, and other industries for large-scale separation, precipitation, extraction and other experiments at low temperatures







Features

- Adopt large torque brushless frequency conversion motor, maintenance-free, no dust, fast lifting speed
- Induction automatic electric suction door lock, with emergency door opening device; self-inspection and protection of door lock, overspeed, unbalance, etc., safe and reliable
- Using a microcomputer processor for precise control, LED display, and key programming; Real time and simultaneous display of rotor No., Program number, Speed/RCF, Time, Temperature, and Speed up and Down gear; Parameters can also be modified during operation
- Using fluorine-free compressor unit, high-quality copper tube wrapped in centrifugal cavity, full tin welding technology, double-circulation pipeline, greatly improving refrigeration efficiency, it can be reduced from room temperature 25°C to 4°C within 4 minutes; the use of "automatic constant temperature control system adjustment technology" is accurate temperature control
- Using a unique spring cone sleeve to connect the rotating head and spindle, the rotating head is locked 360 degrees, and the loading and unloading of the rotating head is non directional, fast and simple (with technical patents)
- Can store and call 10 sets of programs, with 10 acceleration rates and 10 deceleration rate options
- The whole machine is all-steel structure, stainless steel centrifugal chamber; multi-layer protection design, three-stage vibration reduction, safe and stable
- The instrument door cover is equipped with a hydraulic rod to reduce operating load
- Passed ISO9001, ISO13485, CE and other certifications

Specifications

TDL5M Technical Parameters:

Max Speed	5000rpm	Max RCF	4730×g
Max Volume	4×800ml Swing Rotor	Speed Accuracy	±10rpm
Temperature Range	-20°C ~ 40°C	Timer	1min ~ 99h59min
Temperature Accuracy	±1°C	Noise	≤65dBA
Power Supply	AC110/220V,50/60HZ	Net Weight	118kg
Dimension	675×725×400mm	Package	930×830×580mm,148kg

TDL5M Matched Rotors:

Rotors No.	Rotor Type	Max Speed	Max Volume	Max RCF	Notes
No 05254	Swing Rotor	4000rpm	4×25×5/7ml	3450×g	For 2-7ml vacuum tube
No 05207	Swing Rotor	4000rpm	4×800ml(round)	3450×g	Optional biosafety cover
/	Adapter	/	4×500ml(falcon)		250ml falcon
/	Adapter	/	4×250ml(falcon)		250ml falcon
/	Adapter	/	4×24×5/7ml vacuum tube		For 2-7ml vacuum tube
/	Adapter	/	4×19×10ml vacuum tube		For 10ml vacuum tube
/	Adapter	/	4×14×10/15ml		For 10/15ml tube
/	Adapter	/	4×5×50ml		For 50ml tube
No 05608	Swing Rotor	4000rpm	4×500ml(round)	3530×g	Optional biosafety cover
/	Adapter	/	4×18×5/7ml vacuum tube		For 2-7ml vacuum tube
/	Adapter	/	4×14×10ml vacuum tube		For 10ml vacuum tube
/	Adapter	/	4×9×10/15ml		For 10/15ml tube
/	Adapter	/	4×3×50ml		For 50ml tube
No 05609	Swing Rotor	4000rpm	4×500ml(rectangle)	3450×g	Optional biosafety cover
/	Adapter	/	4×20×5/7ml vacuum tube		For 2-7ml vacuum tube
/	Adapter	/	4×16×10ml vacuum tube		For 10ml vacuum tube
/	Adapter	/	4×12×10/15ml		For 10/15ml tube
/	Adapter	/	4×5×50ml		For 50ml tube
No 05611	Swing Rotor	4000rpm	4×4×96 well	2940×g	Optional
No 05610			4×7×50ml	3470×g	For 50ml falcon tube
No 05612			4×600ml(oval)	3530×g	200-500ml Blood Bag
No 05213	Swing Rotor	4000rpm	2×5×96 well	3210×g	Optional
No 05629	Swing Rotor	5000rpm	4×1×50ml	4730×g	Optional
No 05630			4×1×100ml	4730×g	Optional
No 05635		4000rpm	4×2×100ml	3200×g	Optional
No 05634			4×2×50ml	3200×g	Optional
No 05631			4×8×15ml	3200×g	For 5-15ml tube
No 05639			4×16×5ml vacuum tube	2530×g	For 2ml vacuum tube
No 05638			4×16×7ml vacuum tube	2890×g	For 5ml vacuum tube
No 05640			4×12×10ml vacuum tube	2880×g	For 10ml vacuum tube
No 05614	Swing Rotor	4000rpm	4×30×7ml vacuum tube	3160×g	For 5ml vacuum tube
No 05615			4×40×7ml vacuum tube	3270×g	For 5ml vacuum tube
No 05618			4×28×10m vacuum tube	3270×g	For 10ml vacuum tube
No 05237	Swing Rotor	4000rpm	4×Pasteur milk bottle	3830×g	Pasteur milk bottle
No 05183	Angle rotor	2000rpm	16×Gabor milk fat meter	896×g	For Gabor milk fat meter
No 05141	Angle rotor	5000rpm	30×15ml	3830×g	Optional
No 05144	Angle rotor	5000rpm	12×50ml	3860×g	Optional
No 05145	Angle rotor	4000rpm	24×50ml	2970×g	Optional
No 05148	Angle rotor	4000rpm	12×100ml	2970×g	Optional