TGL16S High Speed Refrigerated Centrifuge

Desktop high speed freezing centrifuge is used for bacteria, protein precipitation, nucleic acid extraction, subcellular component separation, clinical test sample processing, blood, suitable for medical, life sciences, biopharmaceutical, agricultural sciences, environmental protection and other scientific research units, as well as universities and colleges







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, the high-definition touch screen "Intelligent System" version displays both setting parameters and real-time parameters: Speed, RCF, Time,Temperature, Rise/Fall rate, Rotor No., Door cover status, etcion
- 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℃ to 4℃ 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 100 sets of programs, with 9 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
- Optional: Automatic recognition of rotor magnetism to avoid misoperation and overspeed operation
- Passed ISO9001, ISO13485, CE and other certifications

Specifications

TGL16S Technical Parameters:

Max Speed	16000rpm	Max RCF	20600×g
Max Volume	6×100ml Angle rotor	Speed Accuracy	±10rpm
Temperature Range	-20℃ ~ 40℃	Timer	1s ~ 99h59min59s
Temperature Accuracy	±1℃	Noise	≤60dBA
Power Supply	AC220V, 50HZ, 10A	Net Weight	84kg
Dimension	600×575×370mm	Package	830×670×530mm, 105kg

TGL16S Matched Rotors:

Rotors No.	Rotor Type	Max Speed	Max Volume	Max RCF
No 05105	Angle rotor	15000rpm	30×0.5ml	18510×g
No 05106	Angle rotor	14000rpm	40×0.5ml	19970×g
No 05101	Angle rotor	16000rpm	12×1.5/2ml	17940×g
No 05102	Angle rotor	15000rpm	24×1.5/2m	20600×g
No 05103	Angle rotor	13500rpm	30×1.5/2ml	19340×g
No 05104	Angle rotor	13000rpm	48×1.5/2ml	17930×g
No 05107	Angle rotor	15000rpm	16×5ml	19350×g
No 05108	Angle rotor	14000rpm	12×7ml	16370×g
No 05109	Angle rotor	14000rpm	6×10ml	16460×g
No 05110	Angle rotor	12000rpm	12×10ml	14510×g
No 05113	Angle rotor	11000rpm	8×15ml	12730×g
No 05114	Angle rotor	10000rpm	12×15ml	11840×g
No 05116	Angle rotor	12000rpm	8×20m	14510×g
No 05117	Angle rotor	12000rpm	6×30m	14000×g
No 05120	Angle rotor	11000rpm	6×50m	13480×g
No 05122	Angle rotor	7000rpm	8×50m	6190×g
No 05128	Angle rotor	10000rpm	4×100ml	10310×g
No 05129	Angle rotor	10000rpm	6×100ml	11380×g
No 05140	Angle rotor	5000rpm	24×15ml	3500×g
No 05224	Swing Rotor	15000rpm	4×5ml	19920×g
No 05216	Swing Rotor	4000rpm	2×3×48 well	2300×g