FTGL-18S High Speed Refrigerated Centrifuge(Touch Screen)

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, universities and colleges.

Features



- Large-torque brushless variable-frequency motor.
- Induction automatic electric suction lock with emergency release, self-diagnosis and protection against door-lock failure, overspeed, and imbalance.
- Microcomputer-controlled, high-definition touch screen displays both set and real-time parameters.
- CFC-free compressor with copper-tube-wrapped chamber, full tin-welding, and dual-circuit design; cools from 25 °C to 4 °C in 4 minutes, with precise automatic constant-temperature control.
- Patented spring-cone-sleeve 360° lock between rotor and spindle.
- Stores and recalls 100 user programs, 9 acceleration and 10 deceleration ramp options.
- All-steel chassis, stainless steel chamber, multi-layer protection, and three-stage.
- Optional: Magnetic automatic rotor identification to prevent misoperation and overspeed.
- Passed ISO9001, ISO 13485, CE and other certifications

FTGL-18S Technical Parameters

Max Speed	18500r/min	Max RCF	23990×g
Max Volume	6×100ml Angle rotor	Speed Accuracy	±10rpm
Temperature Range	-20℃~40℃	Timer	1s~99h59min59s
Temperature Accuracy	±1℃	Noise	≤60dBA
Power supply	AC110/220V,50/60HZ	Net Weight	84kg
Dimension	600×575×370mm	Package	830×670×530mm, 105kg

FTGL-18S Matched Rotors

Rotor 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	18500rpm	12×1.5/2ml	23990×g
No 05102	Angle rotor	15000rpm	24×1.5/2ml	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	8×20ml	14510×g
No 05117	Angle rotor	12000rpm	6×30ml	14000×g
No 05120	Angle rotor	12000rpm	6×50ml	16050×g
No 05122	Angle rotor	7000rpm	8×50ml	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	2×3×48well	2300×g