FGTR318C High Speed Table Refrigerated Centrifuge



Feature

- It can store 99 groups of program and easy to call at any time.
- Electric door lock can to open the lid automatically after the centrifugal operation.
- Long press the start/short instantaneous key to realize instantaneous centrifugation.
- Up to 10 level acceleration/ deceleration with Linear drive.
- HD large LCD touch screen and the parameters can be revised during operation without shutdown.
- Microcomputer control ,AC frequency conversion brush-less motor with fast speed and stable operation.
- Two modes can be set: start timing/arrival revolution timing.
- ECO friendly refrigeration system with Special thermal insulation process.
- With rotor automatic identification system .
- Over speed,over heat,unbalance protections with auto lid lock.
- Steel structure,centrifuge chamber made of stainless steel with Environmentally friendly anti-corrosion coating treatment.
- Special noise reduction system .

Technical Parameters

Model	FGTR318C
Max Speed	20000rpm
Max RCF	32868×g
Max Capacity	4×100ml
Timer	1s～99h59min59s
Revolutions	±10r/min
Temp Range	-20℃~40℃
Temp Accuracy	±1.0℃
Voltage	AC 220±22V 50Hz 15A
Power	1200W
Noise Level	≤ 60dB(A)
Size	610×560×370 (mm)
Net Weight	73kg
Automatic Rotor Identification	Yes

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 20000rpm Max RCF: 27113xg Rotor capacity:12×5ml 	Max, speed: 18500rpm Max RCF: 32868xg Rotor capacity: 24×1.5/2.0ml 
Angle Rotor No.3	**Angle Rotor No.4**
Max, speed: 14000rpm Max RCF: 19940xg Rotor capacity: 32×1.5/2.0ml 	Max, speed: 14000rpm Max RCF: 15032xg Rotor capacity: 8×8×0.2ml PCR Row 
Angle Rotor No.5	**Angle Rotor No.6**
Max, speed:13000rpm Max RCF: 18327xg Rotor capacity: 48×1.5/2.0ml 	Max, speed: 13000rpm Max RCF: 15228xg Rotor capacity: 12×10ml 
Angle Rotor No.7	**Angle Rotor No.8**
Max, speed: 13000rpm Max RCF:19059xg Rotor capacity: 6×50ml(Conical/round bottom) 6x15ml (Conical bottom) 	Max, speed: 12000rpm Max RCF: 16340xg Rotor capacity: 12×15ml(Conical bottom) 
Angle Rotor No.9	**Swing-out Rotor No.10**
Max, speed: 12000rpm Max RCF: 16306×g Rotor capacity: 4×100ml 	Max, speed: 13000rpm Max RCF:16816xg Rotor capacity: 24×1.5/2.0ml 
Swing-out Rotor No.11	**Swing-out Rotor No.12**
Max, speed: 4500rpm Max RCF: 3395×g Rotor capacity: 4×100ml 	Max, speed: 4000rpm Max RCF:2057×g Rotor capacity: Micro-plate 2×2×96 hole 
Swing-out Rotor No.13	
Max, speed: 4000rpm Max RCF:2680×g Rotor capacity: 8×50ml(Conical bottom) 	