FGTR116C High Speed Table Refrigerated Centrifuge

Feature



- Automatically calculate RCF,RPM and RCF switching freely.
- Can store 40 groups of program and with shortcut key.
- Up to 10 level acceleration/deceleration with Linear drive.
- With five groups of user-defined preset programs that can be called by one key.
- Long press the start/instantaneous key to realize instantaneous centrifugation.
- Two modes can be set: start timing/ arrival revolution timing.
- Imported energy-efficient ECO friendly refrigeration system.
- Microcomputer control with HD large LCD touch screen,driven by AC frequency conversion brush-less motor.
- Full steel inner cavity protective cover.
- Over speed,over heat,unbalance etc protections and ensure safe operation.
- With accompanying professional tools.
- The front of the fuselage is designed with an operation SOP guide map, which makes it easier and more standard for laboratory personnel to use the instrument.
- Equipped with rotor lid that can be quickly locked.
- Ergonomic, low opening height, close the centrifuge lid with one time press.
- Special noise reduction system.

Technical Parameters

Model	FGTR116C
Max Speed	16500rpm
Max RCF	21615×g
Max Capacity	12×5ml
Timer	1s～99h59min59s
Revolutions/min	±10r/min
Temp Range	-20℃～40℃
Temp Accuracy	±1.0℃
Voltage	AC 220±22V 50Hz 10A
Power	550W
Noise Level	≤ 60dB（A）
Size	315×475×310(mm)
Net Weight	36kg
Automatic Rotor Identification	No

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2	Angle Rotor No.3
Max, speed: 16500rpm Max RCF: 20880xg Rotor capacity: 16×1.5/2.0ml 	Max, speed: 16000rpm Max RCF: 17344xg Rotor capacity: 12×5ml 	Max, speed: 15000rpm Max RCF: 21615xg Rotor capacity: 24×1.5/2.0m.. 
Angle Rotor No.4	**Angle Rotor No.5**	**Angle Rotor No.6**
Max, speed: 15000rpm Max RCF: 14866xg Rotor capacity: 4×8×0.2ml PCR Row 	Max, speed: 14000rpm Max RCF: 15032xg Rotor capacity: 8×8×0.2ml PCR Row 	Max, speed: 12000rpm Max RCF: 13845xg Rotor capacity: Capillary rotor 24 hole 