FDT35C Low Speed Table Centrifuge



Feature

- 5 program groups, 99 storage slots, quick recall.
- Auto electronic lock, one-key short spin.
- HD large LCD display and the parameters can be revised during operation without shutdown.
- Brushless motor, 10-speed linear acceleration/deceleration.
- Two modes can be set: start timing/arrival revolution timing.
- 10 gears acceleration / deceleration with linear drive.
- Rotor ID system, auto-lid lock protection.
- Safety: Over speed, overheat, imbalance alerts.
- Stainless steel chamber, anti-corrosion coating.
- Quick-lock rotor lid.

Technical Parameters

Model	FDT35C
Max Speed	5500rpm
Max RCF	4675×g
Max Capacity	4 × 250ml
Timer	1s~99h59min59s
Revolutions/min	± 10r/min
Voltage	AC 220±22V 50Hz 10A
Power	550W
Noise Level	≤62dB (A)
Exterior Size	430×540×355 (mm)
Net Weight	45kg
Rotor Automatic Identification	Yes

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 5500rpm Max RCF: 3645xg Rotor capacity: 6x50ml 	Max, speed: 5500rpm Max RCF: 4675xg Rotor capacity: 24x15ml 
Angle Rotor No.3	**Swing-out Rotor No.4**
Max, speed: 5000rpm Max RCF: 4191xg Rotor capacity: 40x15ml 	Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 4x50ml 
Swing-out Rotor No.5	**Swing-out Rotor No.6**
Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 4x100ml 	Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 8x50ml 
Swing-out Rotor No.7	**Swing-out Rotor No.8**
Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 8x100ml 	Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 16x10/15ml (Optional) 
Swing-out Rotor No.9	**Swing-out Rotor No.10**
Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 24x10/15ml (Optional) 	Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 32x10/15ml (Optional) 
Swing-out Rotor No.11	**Swing-out Rotor No.12**
Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 48x2-7ml (Blood collection tube) 	Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 64x5ml (Blood collection tube) 
Swing-out Rotor No.13	**Swing-out Rotor No.14**
Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity: 4x250ml (Round bucket) 	Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity: 4x250ml (Round bucket with bio safety lid) 

Swing-out Rotor No.15	Swing-out Rotor No.16
Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity: Auto uncap 64x2-7ml (Blood collection tube) 	Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity: 4x250ml (Square bucket) 4x4x50ml Conical bottom,4x10x15ml Conical bottom 

Swing-out Rotor No.17
Max, speed: 4000rpm Max RCF: 2057xg Rotor capacity: Micro-plate 2x2x96 holes 

FDT45C Low Speed Table Centrifuge



Feature

- Equipped with five groups of programs and can store 99 groups of program.
- Automatic electronic door lock.
- HD large LCD display and the parameters can be revised during operation without shutdown.
- Microcomputer control ,AC frequency conversion brush-less motor with fast speed and stable operation.
- 10 gears acceleration / deceleration with linear drive.
- Two modes can be set: start timing/arrival revolution timing.
- 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.
- Equipped with rotor lid that can be quickly locked for easy use.
- Special noise reduction system.

Technical Parameters

Model	FDT45C
Max Speed	5500rpm
Max RCF	5071×g
Max Capacity	4×750ml
Timer	1s~99h59min59s
Revolutions/min	± 10r/min
Voltage	AC 220±22V 50Hz 10A
Power	1000W
Noise Level	≤62dB (A)
Exterior Size	465x580x400 (mm)
Net Weight	62kg
Rotor Automatic Identification	Yes

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 5500rpm Max RCF: 5071xg Rotor capacity: 40 × 15ml(W) 	Max, speed: 5500rpm Max RCF: 3645xg Rotor capacity: 6×50ml(W) 
Swing-out Rotor No.3	**Swing-out Rotor No.4**
Max, speed:4000rpm Max RCF: 3309×g Rotor capacity: 120×2-7ml (Blood collection tube) 	Max, speed: 4000rpm Max RCF: 3309xg Rotor capacity: 4 × 750ml (Round bucket) 
Swing-out Rotor No.5	**Swing-out Rotor No.6**
Max, speed: 4000rpm Max RCF: 3309xg Rotor capacity: 4× 750ml (Square bucket) 	Max, speed: 4000rpm Max RCF: 3184xg Rotor capacity: Auto uncap 104 × 2-7ml (blood collection tube) 
Swing-out Rotor No.7	**Swing-out Rotor No.8**
Max, speed: 4000rpm Max RCF: 3184xg Rotor capacity: 4× 500ml (Round bucket) 	Max, speed: 4000rpm Max RCF: 3184xg Rotor capacity: 4 × 500ml (Round bucket) (with biosafety lid) 
Swing-out Rotor No.9	**Swing-out Rotor No.10**
Max, speed: 4000rpm Max RCF: 3184xg Rotor capacity: 4× 500ml (Square bucket) 	Max, speed: 4000rpm Max RCF: 3184xg Rotor capacity: 4 × 500ml Conical bottom (Corning tube) 
Swing-out Rotor No.11	**Swing-out Rotor No.12**
Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity: Auto uncap 64 × 2~7ml (blood collection tube) 	Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity: 4 ×250ml (Round bucket) 

Swing-out Rotor No.13	Swing-out Rotor No.14
Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity: 4 × 250ml (Round bucket) (with biosafety lid) 	Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity: 4 × 250ml (Square bucket) 4×4×50ml conical bottom,4x10x15ml conical bottom 
Swing-out Rotor No.15	**Swing-out Rotor No.16**
Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity: 4× 250ml Conical bottom (Corning tube) 	Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity: 6× 250ml (Round bucket) 
Swing-out Rotor No.17	**Swing-out Rotor No.18**
Max, speed: 4000rpm Max RCF: 3425xg Rotor capacity:4×750ml(Round bucket)(with biosafety lid)4×14×15ml conical bottom,4×7×50ml conical bottom 	Max, speed: 4000rpm Max RCF: 3425xg Rotor capacity: Micro-plate 4×2×96 hole 
Swing-out Rotor No.19	**Swing-out Rotor No.20**
Max, speed: 4000rpm Max RCF: 3425xg Rotor capacity: Auto uncap2-7ml × 120 (blood collection tubes) 	Max, speed: 4000rpm Max RCF: 3425xg Rotor capacity: 500ml blood bag (include blood bag adapters) 
Swing-out Rotor No.21	
Max, speed: 4000rpm Max RCF: 2057xg Rotor capacity:Micro-plate2×2×96 hole 	

FDT36C Low Speed Table Centrifuge



Feature

- Equipped with five groups of programs.
- Program group shortcut key, can store 99 program groups, convenient to call at any time.
- Automatic electronic door lock.
- With instantaneous and continuous centrifugation functions.
- HD large LCD display and the parameters can be revised during operation without shutdown.
- Microcomputer control ,AC frequency conversion brush-less motor with fast speed and stable operation.
- 10 gear acceleration / deceleration with linear drive.
- Two modes can be set: start timing/arrival revolution timing.
- 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.
- An intimate tool rack is provided for accompanying tools to guard the instrument at all times.
- 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 for easy use.

Technical Parameters

Model	FDT36C
Max Speed	6500rpm
Max RCF	5091×g
Max Capacity	4×250ml
Timer	1s~99h59min59s
Revolutions/min	±10r/min
Voltage	AC 220±22V 50Hz 10A
Power	550W
Noise Level	≤62dB (A)
Exterior Size	430×540×355 (mm)
Net Weight	45kg
Rotor Automatic Identification	Yes

Rotor Parameters

Angle Rotor No.1	**Angle Rotor No.2**
Max, speed: 6500rpm Max RCF: 5091xg Rotor capacity: 6×50ml(W) 	Max, speed: 5000rpm Max RCF: 4191xg Rotor capacity: 40×15ml(W) 
Sing-out Rotor No.3	**Sing-out Rotor No.4**
Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 4×50ml 	Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 4×100ml 
Sing-out Rotor No.5	**Sing-out Rotor No.6**
Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 8×50ml 	Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 8×100ml 
Sing-out Rotor No.7	**Sing-out Rotor No.8**
Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 16×10/15ml(Optional) 	Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 24×10/15ml(Optional) 
Sing-out Rotor No.9	**Sing-out Rotor No.10**
Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 32×10/15ml(Optional) 	Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 48×2~7ml (Blood collection tube) 
Sing-out Rotor No.11	**Swing-out Rotor No.12**
Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 64×5ml(Blood collection tube) 	Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: 4×250ml(Round bottom) 
Swing-out Rotor No.13	**Swing-out Rotor No.14**
Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: 4×250ml(Round bottom)/ (with biosafety lid) 	Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: Auto uncap 64×2~7ml(Blood collection tube) 
Swing-out Rotor No.15	**Adapters No.16**
Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: 4×250ml square bucket 4x4x50ml Conical bottom ,4x10x15ml Conical bottom 	Max, speed: 4200rpm Max RCF: 2267xg Rotor capacity: Micro-plate 2×2×96 hole 

2-6C Low Speed Table Centrifuge



Feature

- Equipped with five groups of user-defined preset programs.
- Program group shortcut key, large storage space, can store 99 program groups.
- Automatic electronic door lock.
- One key short-time centrifuge button.
- HD large LCD display and the parameters can be revised during operation without shutdown.
- Microcomputer control ,AC frequency conversion brush-less motor with fast speed and stable operation.
- 10 gear acceleration / deceleration with linear drive.
- Two modes can be set: start timing/arrival revolution timing.
- 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.
- It is equipped with a rotor cover that can be quickly locked for easy use.
- Special noise reduction system.

Technical Parameters

Model	2-6C
Max Speed	6000rpm
Max RCF	4338×g
Max Capacity	4×100ml
Timer	1s～99h59min59s
Revolutions/min	±10r/min
Voltage	AC 220±22V 50/60Hz 10A
Power	300W
Noise Level	≤62dB (A)
Exterior Size	360×500×325 (mm)
Net Weight	31kg
Rotor Automatic Identification	Yes

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 6000rpm Max RCF: 4226xg Rotor capacity: 12×15ml(W) 	Max, speed: 6000rpm Max RCF: 4338xg Rotor capacity: 6×50ml(W) 
Swing-out Rotor No.3	**Swing-out Rotor No.4**
Max, speed: 4200rpm Max RCF: 2760xg Rotor capacity: 4×50ml 	Max, speed: 4200rpm Max RCF: 2760xg Rotor capacity: 4×100ml 
Swing-out Rotor No.5	**Swing-out Rotor No.6**
Max, speed: 4200rpm Max RCF: 2760xg Rotor capacity: 16×15ml 	Max, speed: 4200rpm Max RCF: 2760xg Rotor capacity: 24×10ml 

2-5C Low Speed Table Centrifuge



Feature

- Equipped with five groups of user defined preset programs.
- Program group shortcut key, large storage space, can store 99 program groups.
- Automatic electronic door lock.
- One key short-time centrifuge button.
- HD large LCD display and the parameters can be revised during operation without shutdown.
- Microcomputer control ,AC frequency conversion brush-less motor with fast speed and stable operation.
- 10 gear acceleration/deceleration with linear drive.
- Two modes can be set: start timing/ arrival revolution timing.
- Over speed,over heat,unbalance ect protections with auto lid lock.
- It is equipped with a rotor cover that can be quickly locked for easy use.
- Special noise reduction system.

Technical Parameters

Model	2-5C
Max Speed	5000rpm
Max RCF	3013×g
Max Capacity	6×50ml
Timer	1s~99min
Revolutions/min	±10r/min
Voltage	AC 220±22V 50/60Hz 10A
Power	150W
Noise Level	≤62dB (A)
Exterior Size	320×420×270 (mm)
Net Weight	20kg

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 5000rpm Max RCF: 2934xg Rotor capacity: 12×15ml(W) 	Max, speed: 5000rpm Max RCF: 3013xg Rotor capacity: 6×50ml(W) 
Angle Rotor No.3	**Angle Rotor No.4**
Max, speed: 4000rpm Max RCF: 2250xg Rotor capacity: 12×20ml 	Max, speed: 4000rpm Max RCF: 2250xg Rotor capacity: 24×10ml 

FDTR35C Low Speed Table Refrigerated Centrifuge



Feature

- Equipped with five groups of programs.
- Program group shortcut key, large storage space, can store 99 program groups, convenient to call at any time.
- Automatic electronic door lock.
- One key short-time centrifuge button.
- HD large LCD display and the parameters can be revised during operation without shutdown.
- Microcomputer control ,AC frequency conversion brush-less motor with fast speed and stable operation.
- 10 gear acceleration / deceleration with linear drive.
- Two modes can be set: start timing/arrival revolution timing.
- 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.
- Equipped with a rotor lid that can be quickly locked for easy use.

Technical Parameters

Model	FDTR35C
Max Speed	5500rpm
Max RCF	4675×g
Max Capacity	4×250ml
Timer	1s~99h59min59s
Revolutions/min	±10r/min
Temp.Range	-20℃~40℃
Temp Accuracy	±1.0℃
Voltage	AC 220±22V 50/60Hz 10A
Power	1000W
Noise Level	≤60dB (A)
Exterior Size	680×660×395 (mm)
Net Weight	108kg
Rotor Automatic identification	Yes

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 5500rpm Max RCF: 3645xg Rotor capacity: 6×50ml(W) 	Max, speed: 5000rpm Max RCF: 4919xg Rotor capacity: 40×15ml(W) 
Swing-out Rotor No.3	**Swing-out Rotor No.4**
Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 4×50ml 	Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 4×100ml 
Swing-out Rotor No.5	**Swing-out Rotor No.6**
Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 8×50ml 	Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 8×100ml 
Swing-out Rotor No.7	**Swing-out Rotor No.8**
Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 16×10/15ml(Optional) 	Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 24×10/15ml(Optional)(W) 
Swing-out Rotor No.9	**Swing-out Rotor No.10**
Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 32×10/15ml(Optional) 	Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 48×2~7ml(Blood collection tube) 
Swing-out Rotor No.11	**Swing-out Rotor No.12**
Max, speed: 4000rpm Max RCF: 2951xg Rotor capacity: 64×5ml(Blood collection tube) 	Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity: 4×250ml(Round bottom) 
Swing-out Rotor No.13	**Swing-out Rotor No.14**
Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity:4×250ml(Round bottom) (with biosafety lid) 	Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity:Auto uncap 64×2~7ml(Blood collection tube) 
Swing-out Rotor No.15	**Swing-out Rotor No.16**
Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity:4×250ml square bucket 4×4×50ml conical bottom ,4×10×15ml conical bottom 	Max, speed: 4000rpm Max RCF: 3040xg Rotor capacity:Micro-plate 2×2×96 hole 

FDTR45C Low Speed Table Refrigerated Centrifuge



Feature

- Equipped with five groups of programs and can store 99 groups of program.
- Automatic electronic door lock.
- One key short-time centrifuge button.
- HD large LCD display and the parameters can be revised during operation without shutdown.
- Microcomputer control ,AC frequency conversion brush-less motor with fast speed and stable operation.
- 10 gears acceleration / deceleration with linear drive.
- Two modes can be set: start timing/arrival revolution timing.
- 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.
- It is equipped with a rotor cover that can be quickly locked for easy use.
- Special noise reduction system.

Technical Parameters

Model	FDTR45C
Max Speed	5500rpm
Max RCF	5071×g
Max Capacity	4×750ml
Timer	1s～99h59min59s
Revolutions/min	±10r/min
Temp.Range	-20℃～40℃
Temp Accuracy	±1.0℃
Voltage	AC 220±22V 50/60Hz 15A
Power	1500W
Noise Level	≤60dB (A)
Exterior Size	730×660×400 (mm)
Net Weight	120kg
Rotor Automatic Recognition	Yes

Rotor Parameters

Angle Rotor 1	Angle Rotor 2
Max. speed: 5500rpm Max RCF: 5071xg Rotor capacity: 40×15ml (W) 	Max. speed: 5500rpm Max RCF: 3645xg Rotor capacity: 6×50ml (W) 
Swing-out Rotor 3	**Swing-out Rotor 4**
Max. speed: 4000rpm Max RCF: 3309xg Rotor capacity: Auto uncap 120×2~7ml (Blood collection tube) 	Max. speed: 4000rpm Max RCF: 3309xg Rotor capacity: 4×750ml(Round bucket)(with biosafety lid) 
Swing-out Rotor 5	**Swing-out Rotor 6**
Max. speed: 4000rpm Max RCF: 3309xg Rotor capacity: 4×750ml(Round bucket) 	Max. speed: 4000rpm Max RCF: 3184xg Rotor capacity:Auto uncap 104×2-7ml(blood collection tube) 
Swing-out Rotor 7	**Swing-out Rotor 8**
Max. speed: 4000rpm Max RCF: 3184xg Rotor capacity: 4×500ml(Round bucket) 	Max. speed: 4000rpm Max RCF: 3184xg Rotor capacity:4×500ml(Round bucket) (with biosafetey lid) 
Swing-out Rotor 9	**Swing-out Rotor 10**
Max. speed: 4000rpm Max RCF: 3184xg Rotor capacity: 4×500ml Square bucket 	Max. speed: 4000rpm Max RCF: 3184xg Rotor capacity: 4×500ml Conical bottom (Corning tube) 
Swing-out Rotor 11	**Swing-out Rotor 12**
Max. speed: 4000rpm Max RCF: 3040xg Rotor capacity:Auto uncap 64×2-7ml(blood collection tube) 	Max. speed: 4000rpm Max RCF: 3040xg Rotor capacity: 4×250ml(Round bucket) 
Swing-out Rotor 13	**Swing-out Rotor 14**
Max. speed: 4000rpm Max RCF: 3040xg Rotor capacity:4×250ml(Round bucket)(with biosafety lid) 	Max. speed: 4000rpm Max RCF: 3040xg Rotor capacity: 4×250ml(Square cup) 4x4x50ml conical bottom,4x10x15ml conical bottom 
Swing-out Rotor 15	**Swing-out Rotor 16**
Max. speed: 4000rpm Max RCF: 3040xg Rotor capacity:4×250ml(Conical bucket)(Corning tube) 	Max. speed: 4000rpm Max RCF: 3040xg Rotor capacity: 6×250ml(Round bucket) 
Swing-out Rotor 17	**Swing-out Rotor 18**
Max. speed: 4000rpm Max RCF: 3425xg Rotor capacity:4×750ml(Round bucket)(with biosafety lid) 4×14×15ml conical bottom,4×7×50ml conical bottom 	Max. speed: 4000rpm Max RCF: 3425xg Rotor capacity: Micro-plate 4×2×96hole 
Swing-out Rotor 19	**Swing-out Rotor 20**
Max. speed: 4000rpm Max RCF: 3425xg Rotor capacity: Auto uncap 2-7mlx120 (blood collection tubes) 	Max. speed: 4000rpm Max RCF: 3425xg Rotor capacity: 500ml blood bag (include blood bag adapters) 
Swing-out Rotor 21	
Max. speed: 4000rpm Max RCF: 2057xg Rotor capacity: Micro-plate 2×2×96hole 	

FDTR36C Low Speed Table Refrigerated Centrifuge



Feature

- Equipped with five groups of programs and can store 99 groups of program.
- Automatic electronic door lock.
- With instantaneous and continuous centrifugation functions.
- HD large LCD display and the parameters can be revised during operation without shutdown.
- Microcomputer control ,AC frequency conversion brush-less motor with fast speed and stable operation.
- 10 gears acceleration / deceleration with linear drive.
- Two modes can be set: start timing/arrival revolution timing.
- 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.
- It is equipped with a rotor cover that can be quickly locked for easy use.
- Special noise reduction system.

Technical Parameters

Model	FDTR36C
Max Speed	6500rpm
Max RCF	5091×g
Max Capacity	4×250ml
Timer	1s～99h59min59s
Revolutions/min	±10r/min
Voltage	AC 220±22V 50/ 60Hz 10A
Temp.Range	-20℃～40℃
Temp Accuracy	±1.0℃
Power	1000W
Noise Level	≤60dB (A)
Exterior Size	680×660×395 (mm)
Net Weight	108kg
Rotor Automatic Recognition	Yes

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed:6500rpm Max RCF:5091xg Rotor capacity: 6×50ml(W) 	Max, speed: 5000rpm Max RCF: 4191xg Rotor capacity:40×15ml(W) 
Swing-out Rotor No.3	**Swing-out Rotor No.4**
Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 4×50ml 	Max, speed: 4200rpm Max RCF:3254xg Rotor capacity:4×100ml 
Swing-out Rotor No.5	**Swing-out Rotor No.6**
Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 8×50ml 	Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 8×100ml 
Swing-out Rotor No.7	**Swing-out Rotor No.8**
Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 16×10/15ml(Optional) 	Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 24×10/15ml(Optional) 
Swing-out Rotor No.9	**Swing-out Rotor No.10**
Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity:32×10/15ml(Optional) 	Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity:48×2~7ml(Blood collection tube) 
Swing-out Rotor No.11	**Swing-out Rotor No.12**
Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity: 64×5ml(Blood collection tube) 	Max, speed: 4200rpm Max RCF: 3254xg Rotor capacity:4×250ml(Round bucket) 
Swing-out Rotor No.13	**Swing-out Rotor No.14**
Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity:4×250ml(Round cup)/(with biosafety lid) 	Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity:Auto uncap 64×2~7ml(Blood collection tube) 
Swing-out Rotor No.15	**Swing-out Rotor No.16**
Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: 4×250ml(Square bucket) 4x4x50ml conical bottom ,4× 10×15ml conical bottom 	Max, speed: 4200rpm Max RCF: 2267xg Rotor capacity:Micro-plate 2×2×96 hole 

FDTR46C Low Speed Table Refrigerated Centrifuge



Feature

- Equipped with five groups of programs and can store 99 groups of program.
- Automatic electronic door lock.
- One key short-time centrifuge button.
- HD large LCD display and the parameters can be revised during operation without shutdown.
- Microcomputer control ,AC frequency conversion brush-less motor with fast speed and stable operation.
- 10 gears acceleration / deceleration with linear drive.
- Two modes can be set: start timing/arrival revolution timing.
- 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.
- It is equipped with a rotor cover that can be quickly locked for easy use.

Technical Parameters

Model	FDTR46C
Max Speed	6500rpm
Max RCF	5495×g
Max Capacity	4×750ml
Timer	1s~99h59min59s
Revolutions/min	±10r/min
Temp Range	-20℃~40℃
Temp Accuracy	±1.0℃
Voltage	AC 220±22V 50Hz 15A
Power	1500W
Noise Level	≤ 60dB （A）
Exterior Size	730×660×400 (mm)
Net Weight	120kg
Automatic rotor Identification	Yes

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 6500rpm Max RCF: 5091xg Rotor capacity: 6×50ml(W) 	Max, speed: 5500rpm Max RCF: 5071xg Rotor capacity: 40×15ml(W) 
Swing-out Rotor No.3	**Swing-out Rotor No.4**
Max, speed: 4200rpm Max RCF: 3648xg Rotor capacity: Auto uncap 120×2~7ml (Blood collection tube) 	Max, speed: 4200rpm Max RCF: 3648xg Rotor capacity: 4×750ml(Round bucket) 
Swing-out Rotor No.5	**Swing-out Rotor No.7**
Max, speed: 4200rpm Max RCF: 3648xg Rotor capacity: 4×750ml(Square bucket) 	Max, speed: 4200rpm Max RCF: 3510xg Rotor capacity:Auto uncap 104×2-7ml(blood collection tube) 
Swing-out Rotor No.8	**Swing-out Rotor No.9**
Max, speed: 4200rpm Max RCF: 3510xg Rotor capacity: 4×500ml(Round bucket) 	Max, speed: 4200rpm Max RCF: 3510xg Rotor capacity:4×500ml(Round bucket) (with biosafetey lid) 
Swing-out Rotor No.10	**Swing-out Rotor No.10**
Max, speed: 4200rpm Max RCF: 3510xg Rotor capacity: 4×500ml Square bucket 	Max, speed: 4200rpm Max RCF: 3510xg Rotor capacity: 4×500ml (Conical bottom) (Corning tube) 
Pipe Rack No.11	**Swing-out Rotor No.12**
Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity:Auto uncap 64× 2-7ml(blood collection tube) 	Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: 4×250ml(Round bucket) 
Swing-out Rotor No.13	**Swing-out Rotor No.14**
Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity:4×250ml(Round bucket) (with biosafety lid) 	Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: 4×250ml(Square cup) 4×4×50mL conical bottom, 4×10×15ml conical bottom 
Swing-out Rotor No.15	**Swing-out Rotor No.16**
Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity:4×250ml(Conical bottom) (Corning tube) 	Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: 6×250ml(Round bucket) 

Bucket No.17	Basket No.18
Max, speed: 4500rpm Max RCF: 4335xg Rotor capacity: 4×750ml (Round bucket) (with biosafety lid) 4 × 14 × 15ml conical bottom, 4 ×7 ×50ml conical bottom 	Max, speed: 4500rpm Max RCF: 4335xg Rotor capacity: Micro-plate 4 × 2 × 96 hole 
Swing-out Rotor No.19	**Swing-out Rotor No.20**
Max, speed: 4500rpm Max RCF: 4335xg Rotor capacity: Auto uncap 2-7ml× 120 (blood collection tubes) 	Max, speed: 4500rpm Max RCF: 4335xg Rotor capacity: 500ml blood bag (include blood bag adapters) 
Swing-out Rotor No.21	
Max, speed: 6500rpm Max RCF: 5495xg Rotor capacity:Micro-plate (D) 2×2×96 hole 	

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 

FGTR216C High Speed Table Refrigerated Centrifuge



Feature

- With five groups of optional programs and can store 99 program groups .
- Long press the start/ short-time key to realize instantaneous centrifugation.
- Up to 10 level acceleration/ deceleration with Linear drive.
- HD large LCD display 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 etc protections .
- Steel Structure,centrifuge chamber made of stainless steel with Environmentally friendly anti-corrosion coating treatment.
- Special noise reduction system.
- Electric lid lock.

Technical Parameters

Model	FGTR216C
Max Speed	16500rpm
Max RCF	26145×g
Max Capacity	6×50ml
Timer	1s～99h59min59s
Revolutions/min	±10r/min
Temp Range	-20℃～40℃
Temp Accuracy	±1.0℃
Voltage	AC 220±22V 50Hz 10A
Power	800W
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: 16500rpm Max RCF: 26145xg Rotor capacity:24×1.5/2.0ml 	Max, speed: 16000rpm Max RCF: 17344xg Rotor capacity: 12×5ml 
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: 13500rpm Max RCF: 17482xg Rotor capacity: 6×30ml(Round bottom) 	Max, speed: 13000rpm Max RCF: 15228xg Rotor capacity: 12×10ml 
Angle Rotor No.7	**Angle Rotor No.8**
Max, speed: 13000rpm Max RCF: 18327xg Rotor capacity: 48×1.5/2.0ml 	Max, speed: 12000rpm Max RCF: 16227xg Rotor capacity: 6×50ml(Round bottom) 6x15ml conical bottom 

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 2×2×96hole 
Swing-out Rotor No.13	
Max, speed: 4000rpm Max RCF: 2680×g Rotor capacity: 8×50ml(Conical bottom) 	

FGTR420C High Speed Table Refrigerated Centrifuge



Feature

- Auto electric door lock;
- Can store 99 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.
- High and low speed universal centrifuge,high compatibility with multiple rotors.
- Microcomputer control with HD large LCD touch screen,driven by AC frequency conversion brush-less motor.
- Two modes can be set: start timing/ arrival revolution timing.
- ECO friendly refrigeration system with Special thermal insulation process.
- Automatic identification rotors and speed limit control.
- Full steel inner cavity protective cover.
- Over speed,over heat,unbalance protections and ensure safe operation.
- An intimate tool rack is provided for accompanying tools to guard the instrument at all times.
- Special noise reduction system .

Technical Parameters

Model	FGTR420C
Max Speed	21000rpm
Max RCF	38427×g
Max Capacity	4×750ml
Timer	1s～99h59min59s
Revolutions	±10r/min
Temp Range	-20℃～40℃
Temp Accuracy	±1.0℃
Voltage	AC 220±22V 50Hz 15A
Power	1500W
Noise Level	≤ 60dB (A)
Size	730×660×400 (mm)
Net Weight	120kg
Automatic Rotor Identification	Yes

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 21000rpm Max RCF: 29892xg Rotor capacity: 12×5ml 	Max, speed: 20000rpm Max RCF:38427xg Rotor capacity: 24×1.5/2.0ml(D) 
Angle Rotor No.3	**Angle Rotor No.4**
Max, speed: 16000rpm Max RCF: 23068xg Rotor capacity: 12×10ml 	Max, speed:16000rpm Max RCF: 27375xg Rotor capacity: 48×1.5/2.0ml 
Angle Rotor No.5	**Angle Rotor No.6**
Max, speed: 15000rpm Max RCF:25375xg Rotor capacity: 6×50ml(Conical/Round bottom) 6x15ml Conical bottom 	Max, speed: 14000rpm Max RCF: 22195xg Rotor capacity: 4×100ml 
Angle Rotor No.7	**Angle Rotor No.8**
Max, speed: 14000rpm Max RCF:22241xg Rotor capacity: 12x15ml (Conical bottom) 	Max, speed: 14000rpm Max RCF: 15032×g Rotor capacity: 8×8×0.2ml PCR Row 
Angle Rotor No.9	**Angle Rotor No.10**
Max, speed: 12000rpm Max RCF: 15213×g Rotor capacity: 8×50ml(Conical/Round bottom) 8x15ml Conical bottom 	Max, speed: 12500rpm Max RCF: 18550xg Rotor capacity: 6×100ml 
Swing-out Rotor No.11	**Swing-out Rotor No.12**
Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: 4×250ml(Round bucket) 	Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: 4×250ml(Round bottle) (with biosafety lid) 
Swing-out Rotor No.13	**Swing-out Rotor No.14**
Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: 4×250ml(square bucket) 4x4x50ml/4x10x15ml Conical bottom 	Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: Auto uncap 2-7ml × 64 (blood collection tube) 
Swing-out Rotor No.15	**Swing-out Rotor No.16**
Max, speed: 4200rpm Max RCF: 3510xg Rotor capacity: Auto uncap 2-7ml × 104 (blood collection tube) 	Max, speed: 4200rpm Max RCF:3510xg Rotor capacity: 4×500ml(round bucket) 
Swing-out Rotor No.17	**Swing-out Rotor No.18**
Max, speed: 4200rpm Max RCF:3510xg Rotor capacity: 4×500ml(round bucket) (with biosafety lid) 	Max, speed: 4200rpm Max RCF:3510xg Rotor capacity: 4×500ml(Square bucket) 

Swing-out Rotor No.19	Swing-out Rotor No.20
Max, speed: 4200rpm Max RCF: 3648xg Rotor capacity: 4×750ml(Round bucket) 	Max, speed: 4200rpm Max RCF: 3648xg Rotor capacity: 4×750ml(square bucket) 
Swing-out Rotor No.21	**Bucket No.22**
Max, speed: 4500rpm Max RCF: 4335xg Rotor capacity: 4×750ml(Round bucket) 4×14×15ml(Conical bottom) 4×7×50ml(Conical bottom) 	Max, speed: 4500rpm Max RCF: 4335xg Rotor capacity: Micro-plate 4×2×96hole 
Bucket No.23	**Bucket No.24**
Max, speed: 4500rpm Max RCF: 4335xg Rotor capacity: 2-7mlx120 (blood collection tubes) 	Max, speed: 4500rpm Max RCF: 4335xg Rotor capacity: 500ml blood bag (include blood bag adapters) 
Bucket No.25	
Max, speed: 6500rpm Max RCF: 5495xg Rotor capacity: Micro-plate 2×2×96 hole 	

FGR16C High Speed Table Refrigerated Centrifuge



Feature

- Automatically calculate RCF,RPM and RCF switching freely.
- Can store 99 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.
- With rotor automatic identification system.
- Full steel inner cavity protective cover.
- Over speed,over heat, unbalance etc protections and ensure safe operation.
- 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	FGR16C
Max Speed	16000rpm
Max RCF	27375×g
Max Capacity	4×1000ml
Timer	1s~99h59min59s
Revolutions	±10r/min
Temp Range	-20℃~40℃
Temp Accuracy	±1.0℃
Voltage	AC 220±22V 50Hz 20A
Power	2300W
Noise Level	≤ 65dB (A)
Size	770×700×435 (mm)
Net Weight	140kg
Automatic Rotor Identification	Yes

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 16000rpm Max RCF: 27375xg Rotor capacity: 48×1.5/2.0ml(Double row) 	Max, speed: 15500rpm Max RCF: 26859xg Rotor capacity: 30×1.5/2.0ml(Single row) 
Angle Rotor No.3	**Angle Rotor No.4**
Max, speed: 15000rpm Max RCF: 22010xg Rotor capacity: 18×5ml(Single row) 	Max, speed: 12000rpm Max RCF: 15213xg Rotor capacity: 8×50ml(Conical/round bottom) 
Angle Rotor No.5	**Angle Rotor No.6**
Max, speed: 12500rpm Max RCF: 18550xg Rotor capacity: 6×100ml 	Max, speed: 10000rpm Max RCF: 15383xg Rotor capacity: 12×50ml (Conical/round bottom) 
Angle Rotor No.7	**Swing-out Rotor No.8**
Max, speed: 10000rpm Max RCF: 15093xg Rotor capacity: 6×250ml 	Max, speed: 4200rpm Max RCF: 3983xg Rotor capacity: 4×1000ml(Square bucket) 
Swing-out Rotor No.9	**Adapter No.1**
Max, speed: 4200rpm Max RCF: 3983xg Rotor capacity: 4×1000ml(Square bucket)(biosafety lid) 	Rotor capacity: Micro-plate bucket 4×2×96hole 4×500ml(Conical bottom)
Adapter No.2	**Adapter No.3**
Rotor capacity: 4× 10×50ml(Conical/round bottom) 4x250ml(Conical bottom)	Rotor capacity: 4×24× 15ml(Conical/round bottom) 8×250ml(Round bottom)
Adapter No.4	**Adapter No.5**
Rotor capacity: 4×750ml(Round bottom) 140x 10ml(Blood collection tube)	Rotor capacity: 4×500ml(Round bottom) 196 × 2- 7ml(Blood collection tube)

FGT116C High Speed Table Centrifuge

Feature



- With five groups of optional programs and can store 99 program groups.
- Electric lid lock.
- Long press the start/short-time key to realize instantaneous centrifugation.
- Up to 10 level acceleration/ deceleration with Linear drive.
- HD large LCD Touch Panel 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.
- With rotor automatic identification system.
- Over speed,over heat,unbalance etc protections.
- Steel Structure,centrifuge chamber made of stainless steel with Environmentally friendly anticorrosion coating treatment.
- It is equipped with a rotor cover that can be quickly locked for easy use.
- Ergonomic, low opening height, close the centrifuge cover with one press.
- Special noise reduction system.

Technical Parameters

Model	FGT116C
Max Speed	16500rpm
Max RCF	21615×g
Max Capacity	12×5ml
Timer	1s~99h59min59s
Temp Range	±10r/min
Voltage	AC 220±22V 50Hz 10A or custom
Power	350W
Noise Level	≤ 62dB(A)
Size	270×390×240 (mm)
Net Weight	21kg

Rotor Parameters

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

FGT216C High Speed Table Centrifuge

Feature

- With five groups of optional programs and can store 99 program groups ;
- Electric lid lock;
- Special noise reduction system ;
- Long press the start/short-time key to realize instantaneous centrifugation.
- Up to 10 level acceleration/ deceleration with Linear drive.
- HD large LCD display;Microcomputer control.
- Two modes can be set: start timing/arrival revolution timing.
- With rotor automatic identification system .
- Over speed,over heat,unbalance etc protections.
- An intimate tool rack is provided for accompanying tools to guard the instrument at all times.



Technical Parameters

Model	FGT216C
Max Speed	16500rpm
Max RCF	26145×g
Max Capacity	6×50ml
Timer	1s~99h59min59s
Revolutions	±10r/min
Voltage	AC 220±22V 50Hz 10A
Power	500W
Noise Level	≤ 62dB (A)
Size	360×490×335 (mm)
Net Weight	37kg
Rotor Automatic Recognition	Yes

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 16500rpm Max RCF: 26145xg Rotor capacity:24×1.5/2.0ml 	Max, speed: 16000rpm Max RCF: 17344xg Rotor capacity: 12×5ml 
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: 13500rpm Max RCF: 17482xg Rotor capacity: 6×30ml(Round bottom) 	Max, speed: 13000rpm Max RCF: 15228xg Rotor capacity: 12×10ml 
Angle Rotor No.7	**Angle Rotor No.8**
Max, speed: 13000rpm Max RCF: 18327xg Rotor capacity: 48×1.5/2.0ml 	Max, speed: 12000rpm Max RCF: 16227xg Rotor capacity: 6×50ml(Round bottom) 

FGT318C High Speed Table Centrifuge

Feature



- With rotor automatic identification system.
- Over speed,over heat,unbalance etc protections.
- Steel Structure,centrifuge chamber made of stainless steel with Environmentally friendly anti-corrosion coating treatment.
- An intimate tool rack is provided for accompanying tools to guard the instrument at all times.
- 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.
- Electric lid lock.
- Up to 10 level acceleration/deceleration with Linear drive.
- Special noise reduction system.
- With five groups of optional programs and can store 99 program groups.
- Long press the start/short-time key to realize instantaneous centrifugation.
- HD large LCD Touch Panel 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.
- Ergonomic, low opening height, close the centrifuge cover with one press.
- It is equipped with a rotor cover that can be quickly locked for easy use.

Technical Parameters

Model	FGT318C
Max Speed	20000rpm
Max RCF	32868×g
Max Capacity	4×100ml
Timer	1s～99h59min59s
Revolutions	±10r/min
Voltage	AC 220±22V 50Hz 10A
Power	750W
Noise Level	≤ 62dB(A)
Size	360×490×335 (mm)
Net Weight	37kg
Rotor Automatic Recognition	Yes

Rotor Parameters

Angle Rotor No.1	Adapter No.2
Max, speed: 20000rpm Max RCF: 27113xg Rotor capacity: 12x5ml 	Max, speed: 18500rpm Max RCF: 32868xg Rotor capacity: 24x1.5/2.0ml(D) 
Angle Rotor No.3	**Adapter 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	**Adapter No.6**
Max, speed: 13000rpm Max RCF: 18372xg Rotor capacity: 48x1.5/2.0ml 	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) 	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: 16306xg 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: 3395xg Rotor capacity: 4×100ml 	Max, speed: 4000rpm Max RCF: 2057xg Rotor capacity: Micro-plate 2×2×96 hole 
Swing-out Rotor No.14	
Max, speed: 4000rpm Max RCF: 2680xg Rotor capacity: 8×50ml(Conical bottom) 	

FGT420C High Speed Table Centrifuge



Feature

- With rotor automatic identification system.
- Over speed,over heat,unbalance etc protections.
- Steel Structure,centrifuge chamber made of stainless steel with
- Environmentally friendly anti-corrosion coating treatment.
- Special noise reduction system.
- Electric lid lock.
- An intimate tool rack is provided for accompanying tools to guard the instrument at all times.
- 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.
- It is equipped with a rotor cover that can be quickly locked for easy use.
- Ergonomic, low opening height, close the centrifuge cover with one press.
- With five groups of optional programs and can store 99 program groups.
- Long press the start/short-time key to realize instantaneous centrifugation.
- Up to 10 level acceleration/ deceleration with Linear drive.
- HD large LCD Touch Panel 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.

Technical Parameters

Model	FGT420C
Max Speed	21000rpm
Max RCF	38427×g
Max Capacity	4×750ml
Timer	1s～99h59min59s
Revolutions	±10r/min
Voltage	AC 220±22V 50Hz 10A
Power	1kW
Noise Level	≤ 62dB(A)
Size	460×580×410 (mm)
Net Weight	62kg
Rotor Automatic Recognition	Yes

Rotor Parameters

Angle Rotor No.1	Adapter No.2
Max, speed: 21000rpm Max RCF: 29892xg Rotor capacity: 12×5ml 	Max, speed: 20000rpm Max RCF: 38427xg Rotor capacity: 24×1.5/2.0ml(D) 
Angle Rotor No.3	**Adapter No.4**
Max, speed: 15000rpm Max RCF: 20274xg Rotor capacity: 12×10ml 	Max, speed: 15000rpm Max RCF: 24060xg Rotor capacity: 48×1.5/2.0ml 
Angle Rotor No.5	**Adapter No.6**
Max, speed: 14000rpm Max RCF: 22014xg Rotor capacity: 6×50ml(Conical/Round bottom) 	Max, speed: 14000rpm Max RCF: 22195xg Rotor capacity: 4×100ml 
Angle Rotor No.7	**Adapter No.8**
Max, speed: 14000rpm Max RCF: 15032xg Rotor capacity: 8×8×0.2ml PCR Row 	Max, speed: 14000rpm Max RCF: 22241xg Rotor capacity: 12×15(Conical bottom) 
Angle Rotor No.9	**Adapter No.10**
Max, speed: 12000rpm Max RCF: 15215xg Rotor capacity: 8×50ml(Conical/Round bottom) 	Max, speed: 12000rpm Max RCF: 17548xg Rotor capacity: 6×100ml 
Swing-out Rotor No.11	**Swing-out Rotor No.12**
Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: 4×250ml(Round bucket) 	Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: 4×250ml(Round bucket)/ (with biosafety lid) 
Swing-out Rotor No.13	**Swing-out Rotor No.14**
Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: 4×250ml(Square bucket) 4x4x50ml (conical bottom);4x10x15ml (conical bottom) 	Max, speed: 4200rpm Max RCF: 3352xg Rotor capacity: Auto uncap 64×2-7ml (blood collection tube) 
Swing-out Rotor No.15	**Swing-out Rotor No.16**
Max, speed: 4200rpm Max RCF: 3510xg Rotor capacity: Auto uncap 104×2-7ml (blood collection tube) 	Max, speed: 4000rpm Max RCF: 3510xg Rotor capacity: 4×500ml(Round bucket) 
Swing-out Rotor No.17	**Swing-out Rotor No.18**
Max, speed: 4200rpm Max RCF: 3510xg Rotor capacity: 4×500ml(Round bucket) / (with bio safety lid) 	Max, speed: 4200rpm Max RCF: 3510xg Rotor capacity: 4×500ml(Square bucket) 

Swing-out Rotor No.19	Swing-out Rotor No.20
Max, speed: 4200rpm Max RCF: 3648xg Rotor capacity: 4×750ml(Round bucket) 	Max, speed: 4200rpm Max RCF: 3648xg Rotor capacity: 4×750ml(Square bucket) 
Swing-out Rotor No.21	**Swing-out Rotor No.22**
Max, speed: 4200rpm Max RCF: 3776xg Rotor capacity: 4×750ml(Square bucket) (with biosafety lid) 4x7x50ml (conical bottom);4x14x15ml (conical bottom) 	Max, speed: 4200rpm Max RCF: 3776xg Rotor capacity: Micro-plate 4×2×96 hole 
Swing-out Rotor No.23	**Adapter No.24**
Max, speed: 4200rpm Max RCF: 3776xg Rotor capacity: Auto uncap 120 x 2-7ml (blood collection tube) 	Max, speed: 4200rpm Max RCF: 3776xg Rotor capacity: 500ml blood bag adapter 
Swing-out Rotor No.25	
Max, speed: 4200rpm Max RCF: 2267xg Rotor capacity: Micro-plate 2x2x96 hole 	

FTG16C High Speed Table Centrifuge

Feature



- With five groups of optional programs and can store 99 program groups.Electric lid lock.
- Long press the start/ short-time key to realize instantaneous centrifugation.
- Up to 10 level acceleration/deceleration with Linear drive.
- HD large LCD Touch Panel and the parameters can be revised during operation without shutdown.
- Microcomputer control, AC frequency conversion brushless motor with fast speed and stable operation.
- Two modes can be set: start timing/ arrival revolution timing.
- With rotor automatic identification system.
- Over speed,over heat,unbalance etc protections.
- Steel Structure,centrifuge chamber made of stainless steel with Environmentally friendly anti-corrosion coating treatment.
- An intimate tool rack is provided for accompanying tools to guard the instrument at all times.
- 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.
- It is equipped with a rotor cover that can be quickly locked for easy use.
- Ergonomic, low opening height, close the centrifuge cover with one press.
- Special noise reduction system.

Technical Parameters

Model	FTG16C
Max Speed	16000rpm
Max RCF	27375×g
Max Capacity	4×1000ml
Timer	1s~99h59min59s
Revolutions	±10r/min
Voltage	AC 220±22V 50Hz 20A
Power	1.2kW
Noise Level	≤ 65dB(A)
Size	525x650x415(mm)
Net Weight	90kg
Rotor Automatic Recognition	Yes

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 16000rpm Max RCF: 27375xg Rotor capacity: 48x1.5/2.0ml (Double row) 	Max, speed: 15500rpm Max RCF: 26859xg Rotor capacity: 30x1.5/2.0ml (Single row) 
Angle Rotor No.3	**Angle Rotor No.4**
Max, speed: 15000rpm Max RCF: 22010xg Rotor capacity: 18x5ml (Single row) 	Max, speed: 12000rpm Max RCF: 15213xg Rotor capacity: 8x50ml (Conical/round bottom) 
Angle Rotor No.5	**Angle Rotor No.6**
Max, speed: 12500rpm Max RCF: 18550xg Rotor capacity: 6x100ml 	Max, speed: 10000rpm Max RCF: 15383xg Rotor capacity: 12x50ml (Conical/round bottom) 
Angle Rotor No.7	**Swing-out Rotor No.8**
Max, speed: 10000rpm Max RCF: 15093xg Rotor capacity: 6x250ml 	Max, speed: 4000rpm Max RCF: 3613xg Rotor capacity: 4x1000ml Square bucket 
Swing-out Rotor No.9	**Adapter No.10**
Max, speed: 4000rpm Max RCF: 3613xg Rotor capacity: 4x1000ml Square bucket with biosafety lid 	Micro-plate bucket 4×2×96 hole 4×500ml(Conical bottom)
Adapter No.11	**Adapter No.12**
4×10×50ml(Conical/round bottom) 4×250ml(Conical bottom)	4×24×15ml(Conical/round bottom) 8×250ml(Round bottom)
Adapter No.13	**Adapter No.14**
4×750ml(Round bottom) 140× 10ml(Blood collection tube)	4×500ml(Round bottom) 196×2-7ml (Blood collection tube)

DDR6C Floor Large Capacity Low Speed Refrigerated Centrifuge



Feature

- 7 inches HD Large LCD touch screen display.
- The acceleration and deceleration mode can be set, and the speed RCF setting mode is provided. Users can arbitrarily set the speed up and down time and automatically calculate the RCF value.
- 5 directly program groups short cut key,and store more than 99 program groups.
- 10 gears acceleration/deceleration with linear drive.
- User management function setting the password to lock the machine.
- Microcomputer control,AC frequency conversion brush-less motor with fast speed and stable operation.
- Two modes can be set: start timing/ arrival revolution timing.
- Special thermal insulation inside the machine ensure it running temperature more stable.
- Energy-efficient Eco friendly CFC free refrigerating system,temperature between-20℃~+40℃.
- Bloodbank station specialized 6×1000ml square bucket with bloodbag adapters.
- With rotor automatic identification system.
- Over speed,over heat,unbalance ectprotections with auto lid lock.
- Steel Structure,centrifuge chamber made of stainless steel with Environmentally friendly anticorrosion coating treatment.
- Electronic self suck door and electromagnetic induction door protection identification.
- Ergonomic, low opening height, close the centrifuge cover with one press.
- Special noise reduction system.

Technical Parameters

Model	DDR6C
Max Speed	6500rpm
Max RCF	6680×g
Max Capacity	4×1000ml
Timer	1s~99h59min59s
Revolutions	±10r/min
Temp. Range	-20℃~40℃
Temp Accuracy	± 1.0℃
Voltage	AC 220±22V 50Hz 10A
Power	3.2kW
Noise Level	≤ 65dB(A)
Size	905×755×1070 (mm)
Net Weight	301kg
Rotor Automatic Recognition	Yes

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 6500rpm Max RCF: 6610xg Rotor capacity: 6×250ml 	Max, speed: 6500rpm Max RCF: 6610xg Rotor capacity: 6×300ml 
Angle Rotor No.3	**Swing-out Rotor No.4**
Max, speed: 6000rpm Max RCF: 6680xg Rotor capacity: 6×500ml 	Max, speed: 4200rpm Max RCF: 5100xg Rotor capacity: 6×1000ml (Round bucket)/ (Square bucket) 
Swing-out Rotor No.5	
Max, speed: 4200rpm Max RCF: 5100xg Rotor capacity: Automatic uncap 16*82-7ml (Blood collection tube) 	

DD6C Floor Large Capacity Low Speed Centrifuge



Feature

- 7 inches HD Large LCD touch screen display.
- The acceleration and deceleration mode can be set, and the speed RCF setting mode is provided. Users can arbitrarily set the speed up and down time and automatically calculate the RCF value.
- 5 directly program groups short cut key, and store more than 99 program groups.
- 10 gears acceleration/deceleration with linear drive. User management function setting the password to lock the machine.
- Microcomputer control, AC frequency conversion brush-less motor with fast speed and stable operation.
- Two modes can be set: start timing/ arrival revolution timing.
- Special thermal insulation inside the machine ensure it running temperature more stable.
- Energy-efficient Eco friendly CFC free refrigerating system, temperature between -20℃~+40℃.
- Bloodbank station specialized 6× 1000ml square bucket with bloodbag adapters.
- With rotor automatic identification system.
- Over speed, over heat, unbalance ect protections with auto lid lock.
- Steel Structure, centrifuge chamber made of stainless steel with Environmentally friendly anti-corrosion coating treatment.
- Electronic self suck door and electromagnetic induction door protection identification.
- Ergonomic, low opening height, close the centrifuge cover with one press.
- Special noise reduction system.

Technical Parameters

Model	DD6C
Max Speed	6500rpm
Max RCF	6680×g
Max Capacity	6×1000ml
Timer	1s~99h59min59s
Revolutions	±10r/min
Voltage	AC 220±22V 50Hz 15A
Power	1.5kW
Noise Level	≤ 65dB(A)
Size	905×755×1070 (mm)
Net Weight	265kg
Rotor Automatic Recognition	Yes

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 6500rpm Max RCF: 6610xg Rotor capacity: 6×250ml 	Max, speed: 6500rpm Max RCF: 6610xg Rotor capacity: 6×300ml 
Angle Rotor No.3	**Swing-out Rotor No.4**
Max, speed: 6000rpm Max RCF: 6680xg Rotor capacity: 6×500ml 	Max, speed: 4200rpm Max RCF: 5100xg Rotor capacity: 6×1000ml(Round bucket)/ (Square bucket) 
Swing-out Rotor No.5	
Max, speed: 4200rpm Max RCF: 5100xg Rotor capacity: Automatic uncap 16*82-7ml (Blood collection tube) 	

ZL3A Integrated Vacuum Centrifugal Concentrator



Feature

- Touch Screen display, intelligent microprocessor control and simple and direct operation interface are adopted.
- It is equipped with a special solution solvent collection bottle (with a capacity of 500ml), which is convenient for removal and cleaning.
- The drying chamber is made of 304 stainless steel, and the inside of the drying chamber is coated with anti-corrosion treatment.
- Standard configuration: cold trap+corrosion-resistant vacuum diaphragm pump, which can complete the sample concentration process with one button, compact shape, and save laboratory space.
- Various turnheads are equipped with optional and transparent cover plates to facilitate observation of progress.
- Set concentration time: 0-99h59min, used in conjunction with cold trap, rotational speed range: 0-2000rpm.
- It can be used with a centrifugal imager to observe the condition of the concentrator during operation.
- AC frequency conversion maintenance-free induction motor, electromagnetic drive centrifugal system, low noise, maintenance-free.

Technical Parameters

Model	ZL3A
Max Speed	2000rpm
Max RCF	505×g
Max Capacity	6x50ml
Timer	0～99h59min59S
Speed Accuracy	±10r/min
Temp.Range	Room temperature~80℃
Voltage	C 220±22V 50/60Hz 10A or custom made
Power	420W
Size	430x545x335 (mm)
Net Weight	45kg

Low Temperature Cold Trap（KCL-50）

Model	KCL-50
Temp.Range	0~-50℃
Capacity of liquid collecting bottle	500ml(ampulla)
Voltage	AC 220±22V 50/60Hz 10A or custom made
Power	235W
Size	285x455x440 (mm)
Net Weight	35kg

Rotor Parameters

Angle Rotor No.1	Angle Rotor No.2
Max, speed: 2000rpm Max RCF: 505xg Rotor capacity: 62×1.5ml 	Max, speed: 1800rpm Max RCF: 273xg Rotor capacity: 135×0.2ml 
Angle Rotor No.3	**Angle Rotor No.4**
Max, speed: 1800rpm Max RCF: 405xg Rotor capacity: 108×0.5ml 	Max, speed: 1800rpm Max RCF: 365xg Rotor capacity: 12×10ml 
Angle Rotor No.5	**Angle Rotor No.6**
Max, speed: 1800rpm Max RCF: 370xg Rotor capacity: 12×15ml 	Max, speed: 1500rpm Max RCF: 305xg Rotor capacity: 6×50ml 

FTDL5Y Table Low Speed Petroleum Centrifuge

(Oil Testing Centrifuge)



FTDL5Y was designed based on the method to measure moisture and precipitate in crude oil (centrifugation method) and manufactured based on GB/T6533-86 standard to utilize centrifugation to measure the level of moisture and precipitate in the crude oil. It is ideal equipment for oil extraction and for scientific institute to measure moisture level.

Feature

- AC frequency conversion motor with HD large LCD touch screen display, free maintenance
- Ring shape heater build in, equipped with temperature control and maintenance functions
- High torque AC frequency conversion motor, free maintenance
- Special design of glass centrifuge tube
- Fault diagnosis system for over speed, over heat , imbalance and lid lock.
- Microcomputer control, revise parameters without stopping.

Technical Parameters

Model	FTDL5Y		
Max RPM	4000rpm	Voltage	VC 220±22V 50Hz 15A
Max RCF	3881×g	Power	850W
Max Capacity	4×100ml	Noise Level	≤ 65dB（A）
Timer	1~99h59min59s	Chamber diameter	Φ460mm
Revolutions/min	±10r/min	Outer Dimensions	510×625×405mm
Temp Range	room temperature~+80℃	Net weight	68kg

Rotor Parameters

Rotor	Rotor NO.	NO.	Capacity	Max Speed（r/min）	Max RCF(×g)
Swing-out rotor	1	1	24×10ml	4000rpm	2951×g
	2	2	4×100ml	4000rpm	3881×g





FPT5BS Heating Centrifuge

Heating Centrifuge is designed for the determination of water and sediment in crude oil (centrifugation). In line with the requirements of GB/T6533-86 standard, the water and sediment in crude oil are determined by centrifugal separation method. It is an ideal equipment for the oil extraction industry and petroleum scientific research units to measure the water content of the produced fluid (that is, the water-containing crude oil) in the oil field production process.



Feature

- High-definition touch screen "intelligent system", the display interface simultaneously displays the speed, running time, temperature.
- Screen brightness, heating efficiency, prompt volume, and other data can be personalized by users.
- Can store and call 100 sets of programs, with 9 acceleration rates and 10 deceleration rate options.
- Adopt large torque brushless frequency conversion motor, easy to operate; maintenance-free, no dust, fast lifting speed, greatly improving work efficiency.



4×100ml Swing Rotor
(2000rpm, 957×g)

- Adopt ring heater, heating quickly, temperature uniform, with temperature control and constant temperature function, to meet the oil industry's requirements for centrifuge temperature.
- Automatic electric induction door lock, emergency door opening function; automatic protection for over speed and unbalance; the body adopts high-quality steel structure, built-in stainless steel explosion-proof protection inner sleeve, stainless steel centrifugal cavity, three-layer protection, safe and reliable.
- It is equipped with a fault self-diagnosis system, which can automatically detect various faults such as over speed, over temperature, unbalance, door cover self-locking, etc., and display the fault information in the display window to improve the safety performance of the instrument.

Technical Parameters

Max Speed	5000r/min	Standard Rotor	4* 100ml Swing Rotor
Temperature Range	Room temperature+10 ℃~80 ℃	Max RCF	4730×g
Temperature Accuracy	±2℃	Speed Accuracy	±10r/min
Noise	≤60dBA	Power Supply	AC220/220V,50/60HZ
Net Weight	67kg	Timer	1s~99h59min59s
Dimension	680×500×385mm	Package	880×580×560mm,90kg