

LG-25M

Floor Standing High Speed Large Capacity Refrigerated Centrifuge



Features & Advantages

- Variable frequency drive motors, microcomputer control
- LCD & Digital display
- Automatic rotor recognition to prevent from overspeed.
- Auto-lock rotor, placed and taken conveniently
- 40 levels of acceleration and deceleration, and it can store 12 users programs.
- Automatic fault diagnosis
- Imported compressor, CFC-free refrigerants, double circuit control for refrigeration and heating.
- Adopts Import famous variable frequency controller, which can control speed accurately and have a long service life.
- The operating parameters can be modified during operation.
- All- steel body, three-layer steel for safety

Technique Parameter

Max Speed	25000 r/min
Max RCF	64800 Xg
Max Capacity	4x1000ml(8000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1min~99H59 min/inching
Noise	≤65dB (A)
Power Supply	AC 220V 50HZ 32A
Dimension	850x730x930 (LxWxH) mm
Weight	280 kg
Power	5KW

Rotor Technical Data



NO. 1
24x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 25000rpm
Max RCF : 64800Xg
Tube size : Φ11x42mm



NO. 2
16x10ml
Fixed-angle Rotor
Max Speed : 23000rpm
Max RCF : 56880Xg
Tube size : Φ16x86mm



NO. 3
8x50ml
Fixed-angle Rotor
Max Speed : 21000rpm
Max RCF : 52360Xg
Bottle size : Φ29x111mm



NO. 4
6x300ml
Fixed-angle Rotor
Max Speed : 12000rpm
Max RCF : 24110Xg
Bottle size : Φ61x136mm



NO. 5
6x500ml
Fixed-angle Rotor
Max Speed : 10000rpm
Max RCF : 18590Xg
Bottle size : Φ74x170mm



NO. 6
4x1000ml
Fixed-angle Rotor
Max Speed : 8000rpm
Max RCF : 12040Xg
Bottle size : Φ97x166mm



NO. 7
12x50ml
Fixed-angle Rotor
Max Speed : 14000rpm
Max RCF : 30070Xg
Bottle size : Φ29x119mm



NO. 8
4x750ml
Swing-out Rotor
Max Speed : 5000rpm
Max RCF : 5600Xg
Bottle size : Φ100x141mm



NO. 9
6x50ml
Swing-out Rotor
Max Speed : 10000rpm
Max RCF : 15680Xg
Bottle size : Φ29x111mm

LG-22M

Floor Standing High Speed Large Capacity Refrigerated Centrifuge



Features & Advantages

- Variable frequency drive motor, microcomputer control
- LCD & Digital display
- Automatic rotor recognition to prevent from overspeed.
- Automatic rotor locking, without locking nuts, bolts, wrenches, etc. It is safe, convenient and fast to take and place directly.
- 40 levels of acceleration and deceleration, and it can store 12 users programs.
- Automatic fault diagnosis
- Imported compressor, CFC-free refrigerants, double circuit control for refrigeration and heating.
- RCF can be set up directly.
- Adopts Import famous variable frequency controller, which can control speed accurately and have a long service life.
- The operating parameters can be modified during operation.
- All-steel body, three-layer steel for safety

Technique Parameter

Max Speed	22000 r/min
Max RCF	50685 xg
Max Capacity	6x500ml(10000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1min~99H59 min/inching
Noise	≤65dB (A)
Power Supply	AC 220V 50HZ 32A
Dimension	850x730x930 (LxWxH) mm
Weight	260 kg
Power	5KW

Rotor Technical Data



NO. 1
16x10ml
Fixed-angle Rotor
Max Speed : 22000rpm
Max RCF : 50685xg
Tube size : Φ16x86mm



NO. 2
24x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 21000rpm
Max RCF : 43960xg
Tube size : Φ11x24mm



NO. 3
6x50ml
Fixed-angle Rotor
Max Speed : 20000rpm
Max RCF : 44800xg
Tube size : Φ29x111mm



NO. 4
8x50ml
Swing-out Rotor
Max Speed : 18000rpm
Max RCF : 38460xg
Tube size : Φ29x111mm



NO. 5
6x100ml
Swing-out Rotor
Max Speed : 16000rpm
Max RCF : 30910xg
Tube size : Φ37x123mm



NO. 6
8x100ml
Fixed-angle Rotor
Max Speed : 12000rpm
Max RCF : 19830xg
Tube size : Φ37x123mm



NO. 7
4x300ml
Fixed-angle Rotor
Max Speed : 14000rpm
Max RCF : 28150xg
Bottle size : Φ61x136mm



NO. 8
6x300ml
Fixed-angle Rotor
Max Speed : 12000rpm
Max RCF : 24110xg
Bottle size : Φ61x136mm



NO. 9
6x500ml
Fixed-angle Rotor
Max Speed : 10000rpm
Max RCF : 18590xg
Bottle size : Φ74x170mm



NO. 9
2x3x96 holes
Swing-out Microplate Rotor
Max Speed : 4000rpm
Max RCF : 1970xg
Max size : 128x87x60mm



NO. 11
4x50ml
Swing-out Rotor
Max Speed : 10000rpm
Max RCF : 16200xg
Bottle size : Φ29x111mm



NO. 12
4x50ml
Swing-out Rotor
Max Speed : 13000rpm
Max RCF : 23800xg
Bottle size : Φ25.5x90mm



NO. 13
4x5ml
Swing-out Rotor
Max Speed : 12000rpm
Max RCF : 11900xg
Bottle size : Φ14x54mm

LG-21M

Floor Standing High Speed Large Capacity Refrigerated Centrifuge



Features & Advantages

- Variable frequency drive motor, microcomputer control
- LCD & Digital display
- Automatic rotor recognition to prevent from overspeed.
- Automatic rotor locking, without locking nuts, bolts, wrenches, etc. It is safe, convenient and fast to take and place directly.
- 40 levels of acceleration and deceleration, and it can store 12 users programs.
- Automatic fault diagnosis
- Imported compressor, CFC-free refrigerants, double circuit control for refrigeration and heating, precise in temperature control
- Programs of RCF can be set up directly.
- Adopts Import famous variable frequency controller, which can control speed accurately and have a long service life.
- The operating parameters can be modified during operation.
- All- steel body, three-layer steel for safety

Technique Parameter

Max Speed	21000 r/min
Max RCF	47400 xg
Max Capacity	6x500ml(10000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1min~99H59 min/inching
Noise	≤65dB (A)
Power Supply	AC 220V 50HZ 32A
Dimension	850x730x930 (LxWxH) mm
Weight	260 kg
Power	5KW

Rotor Technical Data



NO. 1
16x10ml
Fixed-angle Rotor
Max Speed : 21000rpm
Max RCF : 47400xg
Tube size : Φ16x86mm



NO. 2
24x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 21000rpm
Max RCF : 43960xg
Tube size : Φ11x42mm



NO. 3
6x50ml
Fixed-angle Rotor
Max Speed : 20000rpm
Max RCF : 44800xg
Tube size : Φ29x111mm



NO. 4
8x50ml
Swing-out Rotor
Max Speed : 18000rpm
Max RCF : 38460xg
Tube size : Φ29x111mm



NO. 5
6x100ml
Swing-out Rotor
Max Speed : 16000rpm
Max RCF : 30910xg
Tube size : Φ37x123mm



NO. 6
8x100ml
Fixed-angle Rotor
Max Speed : 12000rpm
Max RCF : 19830xg
Tube size : Φ37x123mm



NO. 7
4x300ml
Fixed-angle Rotor
Max Speed : 14000rpm
Max RCF : 28150xg
Bottle size : Φ61x136mm



NO. 8
6x300ml
Fixed-angle Rotor
Max Speed : 12000rpm
Max RCF : 24110xg
Bottle size : Φ61x136mm



NO. 9
6x500ml
Fixed-angle Rotor
Max Speed : 10000rpm
Max RCF : 18590xg
Bottle size : Φ74x170mm



NO. 9
2x3x96 holes
Swing-out Microplate Rotor
Max Speed : 4000rpm
Max RCF : 1970xg
Max size : 128x87x60mm



NO. 11
4x50ml
Swing-out Rotor
Max Speed : 10000rpm
Max RCF : 16200xg
Bottle size : Φ29x111mm



NO. 12
4x30ml
Swing-out Rotor
Max Speed : 13000rpm
Max RCF : 23800xg
Bottle size : Φ25.5x90mm



NO. 13
4x4x5ml
Swing-out Rotor
Max Speed : 12000rpm
Max RCF : 11900xg
Bottle size : Φ14x54mm

LG-16M

Floor Standing High Speed Large Capacity Refrigerated Centrifuge



Features & Advantages

- Variable frequency drive motor, microcomputer control
- LCD & Digital display
- Automatic rotor recognition to prevent from overspeed.
- Automatic rotor locking, without locking nuts, bolts, wrenches, etc. It is safe, convenient and fast to take and place directly.
- 40 levels of acceleration and deceleration, and it can store 12 users programs.
- Automatic fault diagnosis
- Imported compressor, CFC-free refrigerants, double circuit control for refrigeration and heating, precise in temperature control
- Programs of RCF can be set up directly.
- Adopts Import famous variable frequency controller, which can control speed accurately and have a long service life.
- The operating parameters can be modified during operation.
- All- steel body, three-layer steel for safety

Technique Parameter

Max Speed	16000 r/min
Max RCF	27520 xg
Max Capacity	6x500ml(8000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1min~99H59 min/inching
Noise	≤65dB (A)
Power Supply	AC 220V 50HZ 32A
Dimension	850x730x930 (LxWxH) mm
Weight	260 kg
Power	4.5 KW

Rotor Technical Data



NO. 1
6x50ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 27520xg
Tube size : Φ29x111mm



NO. 2
24x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 25520xg
Tube size : Φ11x42mm



NO. 3
16x10ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 27500xg
Tube size : Φ16x86mm



NO. 4
6x100ml
Fixed-angle Rotor
Max Speed : 14000rpm
Max RCF : 23600xg
Tube size : Φ37x123mm



NO. 5
8x50ml
Fixed-angle Rotor
Max Speed : 14000rpm
Max RCF : 23270xg
Tube size : Φ29x111mm



NO. 6
6x300ml
Fixed-angle Rotor
Max Speed : 10000rpm
Max RCF : 16750xg
Bottle size : Φ61x136mm



NO. 7
6x500ml
Fixed-angle Rotor
Max Speed : 8000rpm
Max RCF : 11860xg
Bottle size : Φ74x170mm



NO. 8
4x750ml
Swing-out Rotor
Max Speed : 4000rpm
Max RCF : 3500xg
Bottle size : Φ100x141mm

For NO.8 Swing-out Rotor 4x750ml, other various capacities are available by use adaptors, such as 12x100ml, 20x50ml, 48x15ml, 96x2-7ml vacuum blood collection tube.

LG-10M

Floor Standing High Speed Large Capacity Refrigerated Centrifuge



Features & Advantages

- Variable frequency drive motor, microcomputer control
- LCD & Digital display
- Automatic rotor recognition to prevent from overspeed.
- Automatic rotor locking, without locking nuts, bolts, wrenches, etc. It is safe, convenient and fast to take and place directly.
- 40 levels of acceleration and deceleration, and it can store 12 users programs.
- Automatic fault diagnosis
- Imported compressor, CFC-free refrigerants, double circuit control for refrigeration and heating, precise in temperature control
- Programs of RCF can be set up directly.
- Adopts Import famous variable frequency controller, which can control speed accurately and have a long service life.
- The operating parameters can be modified during operation.
- All- steel body, three-layer steel for safety

Technique Parameter

Max Speed	10000 r/min
Max RCF	18590 xg
Max Capacity	6x1000ml(7000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1min~99H59 min/inching
Noise	≤65dB (A)
Power Supply	AC 220V 50HZ 32A
Dimension	850x730x930 (LxWxH) mm
Weight	260 kg
Power	5.5KW

Rotor Technical Data



NO. 1

6x500ml

Fixed-angle Rotor

Max Speed : 10000rpm

Max RCF : 18590xg

Tube size : Φ74x170mm



NO. 2

6x1000ml

Fixed-angle Rotor

Max Speed : 7000rpm

Max RCF : 11630xg

Tube size : Φ97x166mm



NO. 3

6x300ml

Fixed-angle Rotor

Max Speed : 10000rpm

Max RCF : 16750xg

Tube size : Φ61x136mm



LG-22

Floor Standing High Speed Large Capacity Refrigerated Centrifuge

Features & Advantages

- Touch screen, setting parameters by inputting number directly.
- Intelligent status prompt to display machine status in real time.
- Three axis gyroscope to monitor the balance of whole operation.
- Can store 1000 programs and 1000 usage records.
- 40 levels of acceleration and deceleration. Speed downs curvly slowly from 500rpm to 0rpm to prevent samples from shake.
- Speed,RCF and temperature curves display together,which can be used to monitor the change of each parameter.
- PID to control temperature dynamically.
- Password lock function: can set password to the machine and program parameters.
- PRID rotor identification technology can indentify rotor information without operating the centrifuge.
- Various protections,such as lid,over speed,over heat etc.
- Speed and RCF convert automatically and display together.

Technique Parameter

Max Speed	22000 r/min
Max RCF	34700 xg
Max Capacity	4x750ml(4000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1min~99H59 min/inching
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 15A
Dimension	680x620x840(LxWxH) mm
Weight	160 kg
Power	1.8 KW

Rotor Technical Data



NO. 1
12x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 22000rpm
Max RCF : 34700xg
Tube size : Φ11x42mm



NO. 2
12x5ml
Fixed-angle Rotor
Max Speed : 17000rpm
Max RCF : 22330xg
Tube size : Φ14x54mm



NO. 3
24x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 16500rpm
Max RCF : 27140xg
Tube size : Φ11x42mm



NO. 4
12x10ml
Swing-out Rotor
Max Speed : 15000rpm
Max RCF : 20160xg
Tube size : Φ16x86mm



NO. 5-1
6x50ml
Fixed-angle Rotor round bottom
Max Speed : 13000rpm
Max RCF : 18740xg
Tube size : Φ29x111mm



NO. 5-2
6x50ml
Fixed-angle Rotor conical bottom
Max Speed : 13000rpm
Max RCF : 18740xg
Tube size : Φ29x116mm



NO. 6-1
4x100ml
Fixed-angle Rotor
Max Speed : 11000rpm
Max RCF : 12870xg
Tube size : Φ37x123mm



NO. 6-2
8x50ml
Fixed-angle Rotor
Max Speed : 11000rpm
Max RCF : 12870xg
Tube size : Φ29x111mm



NO. 6-3
12x15ml
Fixed-angle Rotor conical bottom
Max Speed : 11000rpm
Max RCF : 12870xg
Tube size : Φ17x121mm



NO. 7
2x3x96 holes
Swing-out ELISA Plate Rotor
Max Speed : 4000rpm
Max RCF : 1970xg
Max size : 128x87x60mm



NO. 8
4x250ml
Swing-out Rotor
Max Speed : 4500rpm
Max RCF : 3720xg
Tube size : Φ63x121mm



NO. 9
4x500ml
Swing-out Rotor
Max Speed : 4200rpm
Max RCF : 3550xg
Tube size : Φ80x137mm



NO. 10
4x750ml
Swing-out Rotor
Max Speed : 4000rpm
Max RCF : 3500xg
Tube size : Φ100x141mm

4x250ml, 4x500ml and 4x750ml swing out rotors can match different adaptor, please refer the LD-5M adaptor of 4x250ml, 4x500ml and 4x750ml.

LG-18

Floor Standing High Speed Large Capacity Refrigerated Centrifuge



Features & Advantages

- Touch screen, setting parameters by inputting number directly.
- Intelligent status prompt to display machine status in real time.
- Three axis gyroscope to monitor the balance of whole operation.
- Can store 1000 programs and 1000 usage records.
- 40 levels of acceleration and deceleration. Speed downs curvly slowly from 500rpm to 0rpm to prevent samples from shake.
- Speed,RCF and temperature curves display together,which can be used to monitor the change of each parameter.
- PID to control temperature dynamically.
- Password lock function: can set password to the machine and program parameters.
- PRID rotor identification technology can indentify rotor information without operating the centrifuge.
- Various protections,such as lid,over speed,over heat etc.
- Speed and RCF convert automatically and display together.

Technique Parameter

Max Speed	18000 r/min
Max RCF	22500 xg
Max Capacity	4x250ml(4500rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1min~99H59 min/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	680x620x840(LxWxH) mm
Weight	160 kg
Power	1.8 KW

Rotor Technical Data



NO. 1
12x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 18000rpm
Max RCF : 22500xg
Tube size : Φ11x42mm



NO. 2
12x5ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 20790xg
Tube size : Φ14x54mm



NO. 3
24x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 21630xg
Tube size : Φ11x42mm



NO. 4
12x10ml
Swing-out Rotor
Max Speed : 14000rpm
Max RCF : 18110xg
Tube size : Φ16x86mm



NO. 5-1
6x50ml
Fixed-angle Rotor round bottom
Max Speed : 12000rpm
Max RCF : 15970xg
Tube size : Φ29x111mm



NO. 5-2
6x50ml
Fixed-angle Rotor conical bottom
Max Speed : 12000rpm
Max RCF : 15970xg
Tube size : Φ29x116mm



NO. 6-1
4x100ml
Fixed-angle Rotor
Max Speed : 10000rpm
Max RCF : 10640xg
Tube size : Φ37x123mm



NO. 6-2
8x50ml
Fixed-angle Rotor
Max Speed : 10000rpm
Max RCF : 10640xg
Tube size : Φ29x111mm



NO. 6-3
12x15ml
Fixed-angle Rotor
Max Speed : 10000rpm
Max RCF : 10640xg
Tube size : Φ17x121mm



NO. 7
6x100ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 19070xg
Tube size : Φ16x86mm



NO. 8
8x15ml
Fixed-angle Rotor
Max Speed : 12500rpm
Max RCF : 15580xg
Tube size : Φ17x121mm



NO. 9
2x3x96 holes
Swing-out Microplate Rotor
Max Speed : 4000rpm
Max RCF : 1970xg
Max size : 128x87x60mm



NO. 10
4x250ml
Pls refer to adaptor of 4x250ml of LD-5M
Max Speed : 4500rpm
Max RCF : 3720xg
Tube size : 63x121mm

LD-6M

Floor Standing Low Speed Large Capacity Refrigerated Centrifuge



Features & Advantages

- Variable frequency drive motor, microcomputer control
- LCD & Digital display
- It has many kinds of protection, such as overspeed, overtemperature, unbalance, and self-diagnosis protection
- 40 levels of acceleration and deceleration, and it can store 12 users programs.
- Imported compressor, CFC-free refrigerants, double circuit control for refrigeration and heating, precise in temperature control
- Electronic lid lock & controlled by independent motor
- Adopts imported famous variable frequency controller, control speed accurately and be durable.
- RCF can be set up directly.
- All- steel body, three-layer steel for safety.

Technique Parameter

Max Speed	6000 r/min
Max RCF	6880 xg
Max Capacity	6x1000ml(4500rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1min~99H59 min/inching
Noise	≤65dB (A)
Power Supply	AC 220V 50HZ 30A
Dimension	850x730x930(LxWxH) mm
Weight	260 kg
Power	5 KW

Rotor Technical Data



NO. 1

6x500ml Fixed-angle Rotor

Max Speed : 6000r/min
Max RCF : 6880xg
Tube size : Φ74x170mm



NO. 2

6x1000ml Swing-out Rotor

Max Speed : 4500r/min
Max RCF : 5880xg
Tube size : Φ100x175mm



NO. 3

210x2-7ml Swing-out Rotor Vacuum blood collection tube

Max Speed : 4200 r/min
Max RCF : 5180xg
Tube size : Φ13x75~100mm

LD-8M

Floor Standing High Speed Large Capacity Refrigerated Centrifuge



Features & Advantages

- Easy operation with touch-sensitive LCD
- The parameter setting can be directly digitally inputted and accurately put in single digit.
- Intelligent status prompt can display instrument status in real time.
- Large storage space can store up to 1000 program groups, 1000 usage records.
- With time display function, including year, month, day, hour, minute and second, which is convenient to trace the usage record.
- Two timing methods are available: Hour/Minutes or Minutes/Seconds.
- Two timing models are optional: count or countdown
- 40 levels of acceleration and deceleration and can set the model of free stop.
- The speed, RCF and temp. curves are displayed on the same screen, and the change relationship can be seen clearly.
- Password lock function: Users can set a password to lock machine and parameter to prevent others from changing.
- Speed and RCF can be automatically converted and displayed in one screen.
- 22 kinds of protection functions such as over-speed, over-pressure, over-heat and so on. Prompt function with voice and text simultaneously
- With electronic manual which can never lost and easy to use.
- Variable frequency drive motor which in great torque, free maintenance.
- The flexible axle driven system which drive the rotor directly, smoothly in operation
- 3 levels vibration system which results in the best centrifugal effect.
- Imported compressor, CFC-free refrigerants, double circuit control for refrigeration and heating, precise in temperature control.

Technique Parameter

Max Speed	8000r/min
Max RCF	11880 xg
Max Capacity	6×2400ml or 18×400ml blood bag
Speed Accuracy	±20r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1min~9H59 min/inching
Noise	≤65dB(A)
Power Supply	AC 380V 50HZ 35A
Dimension	960×880×950 (L×W×H) mm
Weight	560 Kg
Power	7.5 KW

Rotor Technical Data



NO. 1
6×2400ml
Swing-out Rotor
Max Speed : 4200r/min
Max RCF : 6180xg



NO. 2
6×1000ml
Fixed-angle Rotor
Max Speed : 7000r/min
Max RCF : 11630xg
Bottle size : Φ97×166mm



NO. 3
6×500ml
Fixed-angle Rotor
Max Speed : 8000r/min
Max RCF : 11880xg
Bottle size : Φ74×170mm



NO. 4
384 holes vacuum
blood collection tube
Fixed-angle Rotor
Max Speed : 4000r/min
Max RCF : 4710xg
Bottle size : Φ13×75-100mm



NO. 5
6×2400ml
Blood Bag Rotor
Max Speed : 4200r/min
Max RCF : 6180xg

LD-5M

Floor Standing Low Speed Refrigerated Centrifuge



Features & Advantages

- Variable frequency drive motor, microcomputer control
- LCD & Digital display.
- Stainless steel centrifugal chamber, electronic lid lock, Imbalance protection
- 40 levels of acceleration and deceleration, and it can store 12 users programs
- Imported compressor, CFC-free refrigerants, double circuit control for refrigeration and heating, precise in temperature control
- RCF can be set up directly
- Adopts Import famous variable frequency controller, control speed accurately and be durable
- Time, Speed, RCF, temperature, etc can be modified during operation.
- All-steel body, three-layer steel for safety.
- Varieties of rotors can be used, such as radio-immunity rotor or microplate, etc
- The centrifuge adopts three-axis gyroscope to monitor the whole dynamic balance

Technique Parameter

Max Speed	5000 r/min
Max RCF	5200xg
Max Capacity	4x800ml(4000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Range	-20°C~40°C
Timer Range	1min~99H59min/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	650x550x840(LxWxH)mm
Weight	150 kg
Power	1.8 KW

Rotor Technical Data

NO. 1		4x100ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ38x114mm
		4x50ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ30x116mm
NO. 2		32x15ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980 xg Tube size : Φ17x121mm
		8x50ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980 xg Tube size : Φ30x116mm
		8x100ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980 xg Tube size : Φ38x114mm
		8x100ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980 xg Tube size : Φ38x114mm

NO. 2		48x2-7ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
		64x2-7ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
NO. 3		4x250ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 5200xg Tube size : Φ63x111mm
		8x50ml Adaptor Tube size : Φ29.5x116mm
		4x100ml Adaptor Tube size : Φ38x114mm
		36x10ml Adaptor Tube size : Φ16.5x86~110mm
		40x7ml vacuum blood tube Tube size : Φ13x100mm
NO. 4		20x15ml Adaptor Tube size : Φ17x121mm
		2x3x96 holes Swing-out Microplate Rotor Max Speed : 4000rpm Max RCF : 1970xg Max size: 128x87x60mm

NO. 5	Round hang cup		4x500ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ80x137mm
			12x50ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ29x116mm
			36x15ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ17x121mm
			76x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
NO. 6	Adaptor		20x50ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ29.5x116mm
			40x15ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ17x121mm
			80x10ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ15x100mm
			112x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
NO. 7	Swing bucket rotor		100x1.5ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ11x42mm
			148x5ml RIA tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
			96x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
			4x2x96 holes Max Speed : 4000rpm Max RCF : 3400xg Max size : 128x87x60mm

NO. 6	Swing-out Rotor		4x750ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ100x141mm
			12x100ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ38x114mm
			20x50ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ29x116mm
			56x15ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ17x121mm
NO. 7	Adaptor		96x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ13x75~100mm
			6x250ml Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ63x111mm
			30x15mm Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ17x121mm
			60x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ13x75~100mm
NO. 8	Swing-out Rotor		4x800ml Max Speed : 4000rpm Max RCF : 3580xg 28x50ml Adaptor Tube size : Φ29x116mm
			56x15ml Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ17x121mm
			140x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ13x75~100mm
			16x100ml Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ38x114mm

DD-4000

Floor Standing Low Speed Large Capacity Centrifuge



Features & Advantages

- Brushless variable frequency drive motor
- LCD & Digital display.
- Electronic lid lock, imbalance protection.
- 40 levels of acceleration and deceleration, and it can store 12 users programs.
- Automatic fault diagnosis.
- RCF can be set up directly.
- Adopts Import famous variable frequency controller, accurate speed control and durable.
- The operating parameters can be modified during operation
- All- steel body, three-layer steel for safety.
- The centrifuge adopts three-axis gyroscope to monitor the whole dynamic balance.

Technique Parameter

Max Speed	4000 r/min
Max RCF	3580 xg
Max Capacity	4x1000ml(3600rpm)
Speed Accuracy	±10r/min
Timer Range	1min~99H59 min/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	600x700x900(LxWxH)mm
Weight	160 kg
Power	1.1 KW

Rotor Technical Data



NO. 1
4x1000ml
Swing-out Rotor
 Max Speed : 3600rpm
 Max RCF : 3280xg
 Tube size : Φ100x175mm



NO. 2
6x500ml
Swing-out Rotor
 Max Speed : 3600rpm
 Max RCF : 3030xg
 Tube size : Φ80x137mm



NO. 3
4x500ml
Swing-out Rotor
 Max Speed : 4000rpm
 Max RCF : 3400xg
 Tube size : Φ80x137mm



NO. 4
6x250ml
Swing-out Rotor
 Max Speed : 4000rpm
 Max RCF : 3580xg
 Tube size : Φ63x111mm

Other various capacities are available by use adaptors , such as 12x50ml, 36x15ml,76x2-7ml vacuum blood collection tube, 30x15ml,60x2-7ml vacuum blood collection tube,etc.

DD-5000

Floor Standing Low Speed Large Capacity Centrifuge



Features & Advantages

- Variable frequency drive motor.
- LCD & Digital display.
- Stainless steel chamber, electronic lid lock, imbalance protection
- 40 levels of acceleration and deceleration, and it can store 12 users programs.
- Automatic fault diagnosis.
- Programs of RCF can be set up directly.
- Adopts import famous variable frequency controller, control speed accurately and be durable
- The operating parameters can be modified during operation
- All- steel body, three-layer steel for safety
- The centrifuge adopts three-axis gyroscope to monitor the whole dynamic balance.

Technique Parameter

Model number	DD-5000
Max Speed	5000 r/min
Max RCF	5200 xg
Max Capacity	4x750ml(4000rpm)
Speed Accuracy	±10r/min
Timer Range	1min~99 H59min/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	650x550x840(LxWxH)mm
Weight	135 kg
Power	1.1 KW

Rotor Technical Data

NO. 1		4x100ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650xg Tube size : Φ38x114mm
		4x50ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ30x116mm
NO. 2		32x15ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ17x121mm
		8x50ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ30x116mm
		8x100ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ38x114mm

NO. 3		4x250ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 5200xg Tube size : Φ63x111mm
		8x50ml Adaptor Tube size : Φ29.5x116mm
		4x100ml Adaptor Tube size : Φ38x114mm
		36x10ml Adaptor Tube size : Φ16.5x86~110mm
		40x7ml Vacuum blood collection tube Tube size : Φ13x100mm
NO. 4		48x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
		64x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
NO. 5		Swing-out Microplate Rotor 2x3x96 holes Max Speed : 4000rpm Max RCF : 1970xg Max size : 128x87x60mm

NO. 5	Round hang cup		4x500ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ80x137mm
			12x50ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ29x116mm
	Adaptor		36x15ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ17x121mm
			76x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
			76x2-7ml With Lid Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
	Swing bucket rotor		20x50ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ29.5x116mm
			40x15ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ17x121mm
			80x10ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ15x100mm
			112x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
			100x1.5ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ11x42mm

NO. 5	Hang cup		148x5ml RIA tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
			96x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
NO. 6	Swing-out Microplate Rotor		4x2x96 holes Max Speed : 4000rpm Max RCF : 3400xg Max size : 128x87x60mm
	Adaptor		4x750ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ100x141mm
			12x100ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ38x114mm
			20x50ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ29x116mm
			56x15ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ17x121mm
NO. 6	Adaptor		96x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ13x75~100mm

DD-6000

Floor Standing Low Speed
Large Capacity Centrifuge

Features & Advantages

- Touch screen, set parameters by inputting numbers directly.
- Intelligent status prompt can display operation status in real time.
- Three axis gyroscope to monitor the balance of whole operation.
- Can store 1000 programs and 1000 usage records.
- 40 levels of acceleration and deceleration. Speed downs curvly slowly from 500rpm to 0rpm to prevent samples from shake.
- Password lock funtion: can set password to lock the machine and program parameters.
- RCF and speed convert automatically and displayed in same screen.
- Various protections,such as lid,over speed,over heat,over pressure etc.
- Variable frequency motor.

Technique Parameter

Model number	DD-6000
Max Speed	6000 r/min
Max RCF	5200 xg
Max Capacity	4x800ml(4000rpm)
Speed Accuracy	±10r/min
Timer Range	1min~99 H59min/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	680x620x840(LxWxH)mm
Weight	135 kg
Power	1.1 KW

Rotor Technical Data

NO. 1		4x100ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650xg Tube size : Φ38x114mm
		4x50ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ30x116mm
NO. 2		32x15ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ17x121mm
		8x50ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ30x116mm
		8x100ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ38x114mm

NO. 3		4x250ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 5200xg Tube size : Φ63x111mm
		8x50ml Adaptor Tube size : Φ29.5x116mm
		4x100ml Adaptor Tube size : Φ38x114mm
		36x10ml Adaptor Tube size : Φ16.5x86~110mm
		40x7ml Vacuum blood collection tube Tube size : Φ13x100mm
		20x15ml Adaptor Tube size : Φ17x121mm
		48x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
		64x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
		Swing-out Microplate Rotor 2x3x96 holes Max Speed : 4000rpm Max RCF : 1970xg Max size : 128x87x60mm

NO. 5	Round hang cup		4x500ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ80x137mm
	Adaptor		12x50ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ29x116mm
			36x15ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ17x121mm
			76x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
			76x2-7ml With lid Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
	Swing bucket rotor		20x50ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ29.5x116mm
			40x15ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ17x121mm
			80x10ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ15x100mm
			112x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
			100x1.5ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ11x42mm
	Hang cup		148x5ml RIA tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
			96x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
	Swing-out Microplate Rotor		4x2x96 holes Max Speed : 4000rpm Max RCF : 3400xg Max size : 128x87x60mm

NO. 6	Swing-out Rotor		4x750ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ100x141mm
	Adaptor		12x100ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ38x114mm
			20x50ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ29x116mm
			56x15ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ17x121mm
			96x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ13x75~100mm
NO. 7	Swing-out Rotor		6x250ml Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ63x111mm
	Adaptor		30x15ml Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ17x121mm
			60x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ13x75~100mm
NO. 8	Swing-out Rotor		4x800ml Max Speed : 4000rpm Max RCF : 3580xg 28x50ml Adaptor Tube size : Φ29x116mm
	Adaptor		56x15ml Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ17x121mm
			140x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ13x75~100mm
			16x100ml Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ38x114mm
NO. 9	Rotor Fixed-angle (Suitable for DD-6000)		6x50ml Max Speed : 6000rpm Max RCF : 5120xg Tube size : Φ29x116mm
			12x15ml Max Speed : 6000rpm Max RCF : 5120xg Tube size : Φ17x121mm

TGL-23

Benchtop High Speed Multiple Functional Refrigerated Centrifuge



Features & Advantages

- Easy operation with touch-sensitive LCD
- The parameter setting can be directly digitally inputted and accurately put in single digit.
- PID dynamically control temperature.
- The machines adopts Three-axis gyroscope to monitor the whole dynamic balance.
- Large storage space can store up to 1000 program groups, 1000 usage records.
- Variable frequency motor.
- RFID rotor automatic identification system. Can identify rotor's information, such as max speed, max RCF etc.
- Two timing models are optional: count or countdown
- 40 levels of acceleration and deceleration. Speed downs curvily slowly from 500rpm to 0rpm to prevent samples from shake.
- The speed, RCF and temp. curves are displayed on the same screen, and the change relationship can be seen clearly.
- Password lock function: Users can set a password to lock machine and parameter to prevent others from changing.
- Speed and RCF can be automatically converted and displayed in one screen.
- Can set 5 stages centrifugation.
- All-steel body and stainless steel chamber.
- Double lock, double hydraulic lever, self-priming silent door lock.

Technique Parameter

Model numbe	TGL-23
Max Speed	23000rpm
Max RCF	36960xg
Max Capacity	4x750ml(4000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Range	-20°C~40°C
Timer Range	1s~99H59min59s
Noise	≤56dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	600x680x420 (LxWxH) mm
Weight	108 kg
Power	1.5 KW

Rotor Technical Data

NO. 1		12x1.5/2.2ml Fixed-angle Rotor Max Speed : 23000rpm Max RCF : 36960xg Tube size : Φ11x42mm
NO. 2		12x5ml Fixed-angle Rotor Max Speed : 18000rpm Max RCF : 26260xg Tube size : Φ14x54mm
NO. 3		24x1.5/2.2ml Fixed-angle Rotor Max Speed : 16500rpm Max RCF : 26330xg Tube size : Φ11x42mm
NO. 4-1		12x10ml Fixed-angle Rotor Max Speed : 15500rpm Max RCF : 22210xg Tube size : Φ16x86mm
NO. 4-2		36x1.5/2.2ml Fixed-angle Rotor Max Speed : 15500rpm Max RCF : 22210xg Tube size : Φ11x42mm

NO. 5-1		6x50ml Fixed-angle Rotor conical bottom Max Speed : 13000rpm Max RCF : 18420xg Tube size : Φ29x116mm
		6x50ml Fixed-angle Rotor round bottom Max Speed : 13000rpm Max RCF : 18420xg Tube size : Φ29x111mm
NO. 5-2		48x1.5/2.2ml Fixed-angle Rotor Max Speed : 13000rpm Max RCF : 18420xg Tube size : Φ11x42mm
NO. 6-1		4x100ml Fixed-angle Rotor Max Speed : 12000rpm Max RCF : 15870xg Tube size : Φ37x123mm
NO. 6-2		8x50ml Fixed-angle Rotor round bottom Max Speed : 12000rpm Max RCF : 15870xg Tube size : Φ29x111mm

NO. 6-2	Fixed-angle Rotor		8x50ml conical bottom Max Speed : 12000rpm Max RCF : 15870xg Tube size : Φ29x116mm
NO. 6-3	Fixed-angle Rotor		12x15ml conical bottom Max Speed : 12000rpm Max RCF : 15870xg Tube size : Φ17x121mm
NO. 7	Swing-out Microplate Rotor		2x3x96 holes Max Speed : 4000rpm Max RCF : 1970xg Max size : 128x87x60mm
NO. 8	Swing-out Rotor		4x250ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ63x121mm
	Adaptor		8x50ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ29.5x116mm
			20x15ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ17x121mm
			36x10ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ16.5x86~110mm
	Swing-out Rotor		40x7ml Vacuum blood collection tube Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ13x100mm
			48x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
			64x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm

NO. 9	Round hang cup		4x500ml Swing-out Rotor Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ80x137mm
	Adaptor		12x50ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ29x116mm
			36x15ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ17x121mm
			76x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm

NO. 9	Swing bucket rotor		20x50ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ29.5x116mm
			40x15ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ17x121mm
			80x10ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ15x100mm
			112x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
	Hang cup		100x1.5ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ11x42mm
			148x5ml RIA tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
	Swing-out Microplate Rotor		96x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
			4x2x96 holes Max Speed : 4200rpm Max RCF : 3550xg Max size : 128x87x60mm

NO. 10	Swing-out Rotor		4x750ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ100x141mm
	Adaptor		12x100ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ38x114mm
			20x50ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ29x116mm
			56x15ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ17x121mm
NO. 11	Fixed-angle Rotor		96x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ13x75~100mm
			6x100ml Max Speed : 10000rpm Max RCF : 12060xg

TGL-21

Benchtop High Speed Multiple Functional Refrigerated Centrifuge



Features & Advantages

- Easy operation with touch-sensitive LCD
- The parameter setting can be directly digitally inputted and accurately put in single digit.
- PID dynamically control temperature.
- The machines adopts Three-axis gyroscope to monitor the whole dynamic balance.
- Large storage space can store up to 1000 program groups, 1000 usage records.
- Variable frequency motor.
- RFID rotor automatic identification system. Can identify rotor's information, such as max speed, max RCF etc.
- Two timing models are optional: count or countdown
- 40 levels of acceleration and deceleration. Speed downs curvily slowly from 500rpm to 0rpm to prevent samples from shake.
- The speed, RCF and temp. curves are displayed on the same screen, and the change relationship can be seen clearly.
- Password lock function: Users can set a password to lock machine and parameter to prevent others from changing.
- Speed and RCF can be automatically converted and displayed in one screen.
- Can set 5 stages centrifugation.
- All-steel body and stainless steel chamber.
- Double lock, double hydraulic lever, self-priming silent door lock.

Rotor Technical Data

NO. 1		12x1.5/2.2ml Fixed-angle Rotor Max Speed : 21000rpm Max RCF : 30810xg Tube size : Φ11x42mm
NO. 2		12x5ml Fixed-angle Rotor Max Speed : 17000rpm Max RCF : 23430xg Tube size : Φ14x54mm
NO. 3		24x1.5/2.2ml Fixed-angle Rotor Max Speed : 16500rpm Max RCF : 26330xg Tube size : Φ11x42mm
NO. 4-1		12x10ml Fixed-angle Rotor Max Speed : 15000rpm Max RCF : 20800xg Tube size : Φ16x86mm
NO. 4-2		36x1.5/2.2ml Fixed-angle Rotor Max Speed : 15000rpm Max RCF : 20800xg Tube size : Φ11x42mm

Technique Parameter

Model numbe	TGL-21
Max Speed	21000 r/min
Max RCF	30810 xg
Max Capacity	4x750ml(4000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Range	-20°C~40°C
Timer Range	1s~99H59min59s
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	600x680x420 (LxWxH) mm
Weight	108 kg
Power	1.5 KW

NO. 5-1		6x50ml Fixed-angle Rotor conical bottom Max Speed : 13000rpm Max RCF : 18420xg Tube size : Φ29x116mm
NO. 5-2		6x50ml Fixed-angle Rotor round bottom Max Speed : 13000rpm Max RCF : 18420xg Tube size : Φ29x111mm
NO. 5-2		48x1.5/2.2ml Fixed-angle Rotor Max Speed : 13000rpm Max RCF : 18420xg Tube size : Φ11x42mm
NO. 6-1		4x100ml Fixed-angle Rotor Max Speed : 11000rpm Max RCF : 13340xg Tube size : Φ37x123mm
NO. 6-2		8x50ml Fixed-angle Rotor round bottom Max Speed : 11000rpm Max RCF : 13340xg Tube size : Φ29x111mm

NO. 6-2		8x50ml conical bottom Max Speed : 11000rpm Max RCF : 13340xg Tube size : Φ29x116mm
NO. 6-3		12x15ml Max Speed : 11000rpm Max RCF : 13340xg Tube size : Φ17x121mm
NO. 7		2x3x96 holes Max Speed : 4000rpm Max RCF : 1970xg Max size : 128x87x60mm
NO. 8		4x250ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ63x121mm
		8x50ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ29.5x118mm
		20x15ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ17x121mm
		36x10ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ16.5x86~110mm
		40x7ml Vacuum blood collection tube Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ13x100mm
		48x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
		64x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm

NO. 9	Round hang cup	 4x500mlSwing-out Rotor Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ80x137mm
	Adaptor	 12x50ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ29x116mm
		 36x15ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ17x121mm
		 76x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75x100mm

NO. 9		20x50ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ29.5x116mm
		40x15ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ17x121mm
		80x10ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ15x100mm
		112x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
		100x1.5ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ11x42mm
		148x5ml RIA tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
NO. 9		96x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
		4x2x96 holes Max Speed : 4200rpm Max RCF : 3550xg Max size : 128x87x60mm

NO. 10		4x750ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ100x141mm
		12x100ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ38x114mm
		20x50ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ29x116mm
		56x15ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ17x121mm
NO. 10		96x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ13x75~100mm
		6x100ml Max Speed : 10000rpm Max RCF : 12060xg

TGL-19

Benchtop High Speed Multiple Functional Refrigerated Centrifuge



Features & Advantages

- Easy operation with touch-sensitive LCD
- The parameter setting can be directly digitally inputted and accurately put in single digit.
- Intelligent status prompt can display instrument status in real time.
- The machines adopts Three-axis gyroscope to monitor the whole dynamic balance.
- Large storage space can store up to 1000 program groups, 1000 usage records.
- With time display function, including year, month, day, hour, minute and second, which is convenient to trace the usage record.
- Two timing methods are available: Hour/Minutes or Minutes/Seconds.
- Two timing models are optional: count or countdown
- 40 levels of acceleration and deceleration and can set the model of free stop.
- The speed, RCF and temp. curves are displayed on the same screen, and the change relationship can be seen clearly.
- Password lock function: Users can set a password to lock machine and parameter to prevent others from changing.
- RFID rotor automatic identification system to prevent rotor over-speeding.
- Speed and RCF can be automatically converted and displayed in one screen.
- 22 kinds of protection functions such as over-speed, over-pressure, over-heat and so on. Prompt function with voice and text simultaneously
- With electronic manual which can never lost and easy to use.
- PID dynamically control temperature.

Rotor Technical Data

NO. 1		12x1.5/2.2ml Fixed-angle Rotor Max Speed : 19000rpm Max RCF : 25220xg Tube size : Φ11x42mm
NO. 2		12x5ml Fixed-angle Rotor Max Speed : 17000rpm Max RCF : 23430xg Tube size : Φ14x54mm
NO. 3		24x1.5/2.2ml Fixed-angle Rotor Max Speed : 16000rpm Max RCF : 24760xg Tube size : Φ11x42mm
NO. 4-1		12x10ml Fixed-angle Rotor Max Speed : 14000rpm Max RCF : 18120xg Tube size : Φ16x86mm
NO. 4-2		36x1.5/2.2ml Fixed-angle Rotor Max Speed : 14000rpm Max RCF : 18120xg Tube size : Φ11x42mm

Technique Parameter

Model numbe	TGL-19
Max Speed	19000rpm
Max RCF	25220xg
Max Capacity	4x500ml(4200rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Range	-20°C~40°C
Timer Range	1s~99H59min59s
Noise	≤56dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	600x680x420 (LxWxH) mm
Weight	108 kg
Power	1.5 KW

NO. 5-1		6x50ml Fixed-angle Rotor conical bottom Max Speed : 13000rpm Max RCF : 18420xg Tube size : Φ29x116mm
NO. 5-2		6x50ml Fixed-angle Rotor round bottom Max Speed : 13000rpm Max RCF : 18420xg Tube size : Φ29x111mm
NO. 5-2		48x1.5/2.2ml Fixed-angle Rotor Max Speed : 13000rpm Max RCF : 18420xg Tube size : Φ11x42mm
NO. 6-1		4x100ml Fixed-angle Rotor Max Speed : 11000rpm Max RCF : 13340xg Tube size : Φ37x123mm
NO. 6-2		8x50ml Fixed-angle Rotor round bottom Max Speed : 11000rpm Max RCF : 13340xg Tube size : Φ29x111mm

NO. 6-2	Fixed-angle Rotor		8x50ml conical bottom Max Speed : 11000rpm Max RCF : 13340xg Tube size : Φ29x116mm
NO. 6-3	Fixed-angle Rotor		12x15ml Max Speed : 11000rpm Max RCF : 13340xg Tube size : Φ17x121mm
NO. 7	Fixed-angle Rotor		6x10ml Max Speed : 16000rpm Max RCF : 18950xg Tube size : Φ16x86mm
NO. 8	Swing-out Microplate Rotor		2x3x96 holes Max Speed : 4000rpm Max RCF : 1970xg Max size : 128x87x60mm
NO. 9	Swing-out Rotor		4x250ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ63x121mm
	Adaptor		8x50ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ29.5x116mm
			48x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
			64x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm

NO. 10	Round hang cup		4x500ml Swing-out Rotor Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ80x137mm
	Adaptor		12x50ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ29x116mm

NO. 10	Adaptor		36x15ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ17x121mm
			76x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ17x75~100mm
	Swing bucket rotor		20x50ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ29.5x116mm
			40x15ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ17x121mm
			80x10ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ15x100mm
			112x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
			100x1.5ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ11x42mm
	Hang cup		148x5ml RIA tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
			96x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x7~100mm
	Swing-out Microplate Rotor		4x2x96 holes Max Speed : 4200rpm Max RCF : 3550xg Max size : 128x87x60mm
NO. 11	Fixed-angle Rotor		6x100ml Max Speed : 10000rpm Max RCF : 12060xg

TGL-17

Benchtop High Speed Multiple Functional Refrigerated Centrifuge



Features & Advantages

- Easy operation with touch-sensitive LCD
- The parameter setting can be directly digitally inputted and accurately put in single digit.
- Intelligent status prompt can display instrument status in real time.
- The machines adopts Three-axis gyroscope to monitor the whole dynamic balance.
- Large storage space can store up to 1000 program groups, 1000 usage records.
- With time display function, including year, month, day, hour, minute and second, which is convenient to trace the usage record.
- Two timing methods are available: Hour/Minutes or Minutes/Seconds.
- Two timing models are optional: count or countdown
- 40 levels of acceleration and deceleration and can set the model of free stop.
- The speed, RCF and temp.curves are displayed on the same screen, and the change relationship can be seen clearly.
- Password lock function: Users can set a password to lock machine and parameter to prevent others from changing.
- RFID rotor automatic identification system to prevent rotor over-speeding.
- Speed and RCF can be automatically converted and displayed in one screen.
- 22 kinds of protection functions such as over-speed, over-pressure, over-heat and so on. Prompt function with voice and text simultaneously
- With electronic manual which can never lost and easy to use.
- PID dynamically control temperature.

Technique Parameter

Model numbe	TGL-17
Max Speed	17000 r/min
Max RCF	20050xg
Max Capacity	4x250ml(4500rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Rang	-20°C~40°C
Timer Range	1s~99H59min59s
Noise	≤56 dB (A)
Power Supply	AC 220V 50HZ 15A
Dimension	640 x560 x390(LxWxH) mm
Weight	80 kg
Power	1.2 KW

Rotor Technical Data

NO. 1		12x1.5/2.2ml Fixed-angle Rotor Max Speed : 17000rpm Max RCF : 20050xg Tube size : Φ11x42mm
NO. 2		12x5ml Fixed-angle Rotor Max Speed : 15000rpm Max RCF : 18270xg Tube size : Φ14x54mm
NO. 3		24x1.5/2.2ml Fixed-angle Rotor Max Speed : 15000rpm Max RCF : 21630xg Tube size : Φ11x42mm

NO. 4-1		12x10ml Fixed-angle Rotor Max Speed : 13000rpm Max RCF : 15620xg Tube size : Φ16x86mm
NO. 4-2		36x1.5/2.2ml Fixed-angle Rotor Max Speed : 13000rpm Max RCF : 15620xg Tube size : Φ11x42mm
NO. 5-1		6x50ml Fixed-angle Rotor conical bottom Max Speed : 12000rpm Max RCF : 15970xg Tube size : Φ29x116mm

NO. 5-1		6x50ml round bottom Max Speed : 12000rpm Max RCF : 15970xg Tube size : Φ29x111mm
NO. 5-2		48x1.5/2.2ml Max Speed : 12000rpm Max RCF : 15970xg Tube size : Φ11x42mm
NO. 6-1		4x100ml Max Speed : 11000rpm Max RCF : 12870xg Tube size : Φ37x123mm
NO. 6-2		8x50ml round bottom Max Speed : 11000rpm Max RCF : 12870xg Tube size : Φ29x111mm
NO. 6-3		8x50ml conical bottom Max Speed : 11000rpm Max RCF : 12870xg Tube size : Φ29x116mm
NO. 7		12x15ml Max Speed : 11000rpm Max RCF : 12870xg Tube size : Φ17x121mm
NO. 8		6x10ml Max Speed : 16000rpm Max RCF : 19070xg Tube size : Φ16x86mm
NO. 8-1		8x15ml Max Speed : 13000rpm Max RCF : 15620xg Tube size : Φ17x121mm
NO. 8-2		6x30ml Max Speed : 13000rpm Max RCF : 15620xg Tube size : Φ25.5x100mm
NO. 9		2x3x96 holes Max Speed : 4000rpm Max RCF : 1970xg Max size : 128x87x60mm

NO. 10	Swing-out Rotor		4x250ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ63x121mm
NO. 10	Adaptor		8x50ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ29.5x116mm
			20x15ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ17x121mm
			36x10ml Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ16.5x86~110mm
			40x7ml Vacuum blood collection tube Max Speed : 4500rpm Max RCF : 3720xg Tube size : Φ13x100mm

TGL-22S

Benchtop High Speed Refrigerated Centrifuge



Features & Advantages

- Easy operation with touch-sensitive LCD
- Variable frequency motor.
- All-steel body, stainless steel chamber
- RFID rotor identification technology can identify rotor information.
- The machine adopts Three-axis gyroscope to monitor the whole dynamic balance.
- Large storage space can store up to 1000 program groups, 1000 usage records.
- 40 levels of acceleration and deceleration. Speed downs curvily slowly from 500rpm to 0rpm to prevent sample shake.
- The speed, RCF and temp. curves are displayed on the same screen, and the change relationship can be seen clearly.
- Password lock function: Users can set a password to lock machine and program parameter to prevent others from changing.
- Can set 5 steps centrifugation.
- Speed and RCF can be automatically converted and displayed in one screen.
- Intelligent temperature control system, control temperature rapidly and accurately.

Technique Parameter

Model number	TGL-22S
Max Speed	22000r/min
Max RCF	33820xg
Max Capacity	6x100ml (10000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1s~99H59min59s
Noise	≤57dB (A)
Power Supply	AC 220V 50HZ 15A
Dimension	420x520x360 (L x W x H) mm
Weight	62 kg
Power	1.2 KW

Rotor Technical Data



NO. 1
12x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 22000rpm
Max RCF : 33820xg
Tube size : Φ11x42mm



NO. 2
12x5ml
Fixed-angle Rotor
Max Speed : 17000rpm
Max RCF : 23430xg
Tube size : Φ14x54mm



NO. 3
24x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 24760xg
Tube size : Φ11x42mm



NO. 4-1
12x10ml
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 20800xg
Tube size : Φ16x86mm



NO. 4-2
36x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 20800xg
Tube size : Φ11x42mm



NO. 5-1
6x50ml
Fixed-angle Rotor conical bottom
Max Speed : 13000rpm
Max RCF : 18420xg
Tube size : Φ29x116mm



NO. 5-1
6x50ml
Fixed-angle Rotor round bottom
Max Speed : 13000rpm
Max RCF : 18420xg
Tube size : Φ29x111mm



NO. 5-2
48x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 18420xg
Tube size : Φ11x42mm



NO. 6-1
4x100ml
Fixed-angle Rotor
Max Speed : 11000rpm
Max RCF : 13340xg
Tube size : Φ37x123mm



NO. 6-2
8x50ml
Fixed-angle Rotor round bottom
Max Speed : 11000rpm
Max RCF : 13340xg
Tube size : Φ29x111mm



NO. 6-2
8x50ml
Fixed-angle Rotor conical bottom
Max Speed : 11000rpm
Max RCF : 13340xg
Tube size : Φ29x116mm



NO. 6-3
12x15ml
Fixed-angle Rotor
Max Speed : 11000rpm
Max RCF : 13340xg
Tube size : Φ17x121mm



NO. 7
6x10ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 18950xg
Tube size : Φ16x86mm



NO. 8-1
8x15ml
Fixed-angle Rotor
Max Speed : 14000rpm
Max RCF : 17310xg
Tube size : Φ17x121mm



NO. 8-2
6x30ml
Fixed-angle Rotor
Max Speed : 14000rpm
Max RCF : 17310xg
Tube size : Φ25.5x100mm



NO. 9
4x0.2mlx8
PCR tubes
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 14640xg



NO. 10
6x100ml
Fixed-angle Rotor
Max Speed : 10000rpm
Max RCF : 12060xg
Tube size : Φ37x123mm



NO. 11
24*2ml
Strain preservation tubes
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 23400xg
Tube size : Φ11.5*45mm



TGL-20

Benchtop High Speed Refrigerated Centrifuge

Features & Advantages

- Easy operation with touch-sensitive LCD
- Variable frequency motor.
- All-steel body, stainless steel chamber
- RFID rotor identification technology can identify rotor information.
- The machine adopts Three-axis gyroscope to monitor the whole dynamic balance.
- Large storage space can store up to 1000 program groups, 1000 usage records.
- 40 levels of acceleration and deceleration. Speed downs curvily slowly from 500rpm to 0rpm to prevent sample shake.
- The speed, RCF and temp. curves are displayed on the same screen, and the change relationship can be seen clearly.
- Password lock function: Users can set a password to lock machine and program parameter to prevent others from changing.
- Can set 5 steps centrifugation.
- Speed and RCF can be automatically converted and displayed in one screen.
- Intelligent temperature control system, control temperature rapidly and accurately.

Technique Parameter

Model number	TGL-20
Max Speed	20000r/min
Max RCF	27950xg
Max Capacity	6x100ml (9000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1s~99H59min59s
Noise	≤57dB (A)
Power Supply	AC 220V 50HZ 15A
Dimension	420x520x360 (L x W x H) mm
Weight	62 kg
Power	1.2 KW

Rotor Technical Data



NO. 1
12x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 20000rpm
Max RCF : 27950xg
Tube size : Φ11x42mm



NO. 2
12x5ml
Fixed-angle Rotor
Max Speed : 17000rpm
Max RCF : 23430xg
Tube size : Φ14x54mm



NO. 3
24x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 24760xg
Tube size : Φ11x42mm



NO. 4-1
12x10ml
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 20800xg
Tube size : Φ16x86mm



NO. 4-2
36x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 20800xg
Tube size : Φ11x42mm



NO. 5-1
6x50ml
Fixed-angle Rotor conical bottom
Max Speed : 12500rpm
Max RCF : 17030xg
Tube size : Φ29x116mm



NO. 5-1
6x50ml
Fixed-angle Rotor round bottom
Max Speed : 12500rpm
Max RCF : 17030xg
Tube size : Φ29x111mm



NO. 5-2
48x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 12500rpm
Max RCF : 17030xg
Tube size : Φ11x42mm



NO. 6-1
4x100ml
Fixed-angle Rotor
Max Speed : 11000rpm
Max RCF : 13340xg
Tube size : Φ37x123mm



NO. 6-2
8x50ml
Fixed-angle Rotor round bottom
Max Speed : 11000rpm
Max RCF : 13340xg
Tube size : Φ29x111mm



NO. 6-2
8x50ml
Fixed-angle Rotor conical bottom
Max Speed : 11000rpm
Max RCF : 13340xg
Tube size : Φ29x116mm



NO. 6-3
12x15ml
Fixed-angle Rotor
Max Speed : 11000rpm
Max RCF : 13340xg
Tube size : Φ17x121mm



NO. 7
6x10ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 18950xg
Tube size : Φ16x86mm



NO. 8-1
8x15ml
Fixed-angle Rotor
Max Speed : 14000rpm
Max RCF : 17310xg
Tube size : Φ17x121mm



NO. 8-2
6x30ml
Fixed-angle Rotor
Max Speed : 14000rpm
Max RCF : 17310xg
Tube size : Φ25.5x100mm



NO. 9
4x0.2mlx8
PCR tubes
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 14640xg



NO. 10
6x100ml
Fixed-angle Rotor
Max Speed : 9000rpm
Max RCF : 9770xg
Tube size : Φ37x123mm



NO. 11
24*2ml
Strain preservation tubes
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 23400xg
Tube size : Φ11.5*45mm

TGL-1650

Benchtop High Speed Refrigerated Centrifuge



Features & Advantages

- Easy operation with touch-sensitive LCD
- Variable frequency motor.
- All-steel body, stainless steel chamber
- RFID rotor identification technology can identify rotor information.
- The machine adopts Three-axis gyroscope to monitor the whole dynamic balance.
- Large storage space can store up to 1000 program groups, 1000 usage records.
- 40 levels of acceleration and deceleration. Speed downs curvily slowly from 500rpm to 0rpm to prevent sample shake.
- The speed, RCF and temp. curves are displayed on the same screen, and the change relationship can be seen clearly.
- Password lock function: Users can set a password to lock machine and program parameter to prevent others from changing.
- Can set 5 steps centrifugation.
- Speed and RCF can be automatically converted and displayed in one screen.
- Intelligent temperature control system, control temperature rapidly and accurately.

Technique Parameter

Model number	TGL-1650
Max Speed	16500r/min
Max RCF	24760xg
Max Capacity	6x100ml (9000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1s~99H59min59s
Noise	≤57dB (A)
Power Supply	AC 220V 50HZ 15A
Dimension	420x520x360 (L x W x H) mm
Weight	62 kg
Power	1.2 KW

Rotor Technical Data



NO. 1
12x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 16500rpm
Max RCF : 19000xg
Tube size : Φ11x42mm



NO. 2
12x5ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 20750xg
Tube size : Φ14x54mm



NO. 3
24x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 24760xg
Tube size : Φ11x42mm



NO. 4-1
12x10ml
Fixed-angle Rotor
Max Speed : 14000rpm
Max RCF : 18120xg
Tube size : Φ16x86mm



NO. 4-2
36x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 14000rpm
Max RCF : 18120xg
Tube size : Φ11x42mm



NO. 5-1
6x50ml
Fixed-angle Rotor conical bottom
Max Speed : 12000rpm
Max RCF : 15700xg
Tube size : Φ29x116mm



NO. 5-1
6x50ml
Fixed-angle Rotor round bottom
Max Speed : 12000rpm
Max RCF : 15700xg
Tube size : Φ29x111mm



NO. 5-2
48x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 12000rpm
Max RCF : 15700xg
Tube size : Φ11x42mm



NO. 6-1
4x100ml
Fixed-angle Rotor
Max Speed : 11000rpm
Max RCF : 13340xg
Tube size : Φ37x123mm



NO. 6-2
8x50ml
Fixed-angle Rotor round bottom
Max Speed : 11000rpm
Max RCF : 13340xg
Tube size : Φ29x111mm



NO. 6-2
8x50ml
Fixed-angle Rotor conical bottom
Max Speed : 11000rpm
Max RCF : 13340xg
Tube size : Φ29x116mm



NO. 6-3
12x15ml
Fixed-angle Rotor
Max Speed : 11000rpm
Max RCF : 13340xg
Tube size : Φ17x121mm



NO. 7
6x10ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 18950xg
Tube size : Φ16x86mm



NO. 8-1
8x15ml
Fixed-angle Rotor
Max Speed : 14000rpm
Max RCF : 17310xg
Tube size : Φ17x121mm



NO. 8-2
6x30ml
Fixed-angle Rotor
Max Speed : 14000rpm
Max RCF : 17310xg
Tube size : Φ25.5x100mm



NO. 9
4x0.2mlx8
PCR tubes
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 14640xg



NO. 10
6x100ml
Fixed-angle Rotor
Max Speed : 9000rpm
Max RCF : 9770xg
Tube size : Φ37x123mm



NO. 11
2x2x48 holes
Swing-out
Microplate Rotor
Max Speed : 4000rpm
Max RCF : 1500xg
Max size : 128x48x60mm



TGL-18

Benchtop High Speed Refrigerated Centrifuge

Features & Advantages

- Variable frequency drive motor, microcomputer control
- LCD & Digital display
- Electronic lid lock, imbalance protection
- Automatic rotor recognition to prevent from overspeed
- 40 levels of acceleration and deceleration
- Be easy to replace the rotor with a special elastic fixed method.
- Automatic fault diagnosis
- Imported compressor, CFC-free refrigerants, double circuit control for refrigeration and heating.
- Programs of RCF can be set up directly.
- Adopts Import famous variable frequency controller, which can control speed accurately and have a long service life.
- The operating parameters can be modified during operation.
- All- steel body, three-layer steel for safety
- Three axis gyroscope to monitor the balance of whole operation.

Technique Parameter

Model number	TGL-18
Max Speed	18000 r/min
Max RCF	22500 xg
Max Capacity	6x100ml(9000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1min~99H59 min/inching
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 15A
Dimension	420x625x360 (LxWxH) mm
Weight	55 kg
Power	1.2 KW

Rotor Technical Data



NO. 1
12x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 18000rpm
Max RCF : 22500xg
Tube size : Φ11x42mm



NO. 2
12x5ml
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 18270xg
Tube size : Φ14x54mm



NO. 3
24x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 21630xg
Tube size : Φ11x42mm



NO. 4-1
12x10ml
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 15620xg
Tube size : Φ16x86mm



NO. 4-2
36x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 15620xg
Tube size : Φ11x42mm



NO. 5-1
6x50ml
Fixed-angle Rotor conical bottom
Max Speed : 12000rpm
Max RCF : 15970xg
Tube size : Φ29x116mm



NO. 5-1
6x50ml
Fixed-angle Rotor round bottom
Max Speed : 12000rpm
Max RCF : 15970xg
Tube size : Φ29x111mm



NO. 5-2
48x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 12000rpm
Max RCF : 15970xg
Tube size : Φ11x42mm



NO. 6-1
4x100ml
Fixed-angle Rotor
Max Speed : 11000rpm
Max RCF : 12870xg
Tube size : Φ37x123mm



NO. 6-2
8x50ml
Fixed-angle Rotor round bottom
Max Speed : 11000rpm
Max RCF : 12870xg
Tube size : Φ29x111mm



NO. 6-2
8x50ml
Fixed-angle Rotor conical bottom
Max Speed : 11000rpm
Max RCF : 12870xg
Tube size : Φ29x116mm



NO. 6-3
12x15ml
Fixed-angle Rotor
Max Speed : 11000rpm
Max RCF : 12870xg
Tube size : Φ17x121mm



NO. 7
6x10ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 19070xg
Tube size : Φ16x86mm



NO. 8-1
8x15ml
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 15620xg
Tube size : Φ17x121mm



NO. 8-2
6x30ml
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 15620xg
Tube size : Φ25.5x100mm



NO. 9
4x0.2mlx8
PCR tubes
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 14640xg



NO. 10
6x100ml
Fixed-angle Rotor
Max Speed : 9000rpm
Max RCF : 9690xg
Tube size : Φ37x123mm



NO. 11
2x2x48 holes
Swing-out
Microplate Rotor
Max Speed : 4000rpm
Max RCF : 1500xg
Max size : 128x48x60mm

TGL-16

Benchtop High Speed Refrigerated Centrifuge



Features & Advantages

- Variable frequency drive motor, microcomputer control
- LCD & Digital display
- Electronic lid lock, imbalance protection
- Automatic rotor recognition to prevent from overspeed
- 40 levels of acceleration and deceleration
- Be easy to replace the rotor with a special elastic fixed method.
- Automatic fault diagnosis
- Imported compressor, CFC-free refrigerants, double circuit control for refrigeration and heating.
- Programs of RCF can be set up directly.
- Adopts Import famous variable frequency controller, which can control speed accurately and have a long service life.
- The operating parameters can be modified during operation.
- All- steel body, three-layer steel for safety
- Three axis gyroscope to monitor the balance of whole operation.

Technique Parameter

Model number	TGL-16
Max Speed	16500 r/min
Max RCF	21630 xg
Max Capacity	6x100ml(9000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1min~99H59 min/inching
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 15A
Dimension	420x625x360 (LxWxH) mm
Weight	55 kg
Power	1.2 KW

Rotor Technical Data



NO. 1
12x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 16500rpm
Max RCF : 19000xg
Tube size : Φ11x42mm



NO. 2
12x5ml
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 18270xg
Tube size : Φ14x54mm



NO. 3
24x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 21630xg
Tube size : Φ11x42mm



NO. 4-1
12x10ml
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 15620xg
Tube size : Φ16x86mm



NO. 4-2
36x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 15620xg
Tube size : Φ11x42mm



NO. 5-1
6x50ml
Fixed-angle Rotor conical bottom
Max Speed : 12000rpm
Max RCF : 15970xg
Tube size : Φ29x116mm



NO. 5-1
6x50ml
Fixed-angle Rotor round bottom
Max Speed : 12000rpm
Max RCF : 15970xg
Tube size : Φ29x111mm



NO. 5-2
48x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 12000rpm
Max RCF : 15970xg
Tube size : Φ11x42mm



NO. 6-1
4x100ml
Fixed-angle Rotor
Max Speed : 11000rpm
Max RCF : 12870xg
Tube size : Φ37x123mm



NO. 6-2
8x50ml
Fixed-angle Rotor round bottom
Max Speed : 11000rpm
Max RCF : 12870xg
Tube size : Φ29x111mm



NO. 6-2
8x50ml
Fixed-angle Rotor conical bottom
Max Speed : 11000rpm
Max RCF : 12870xg
Tube size : Φ29x116mm



NO. 6-3
12x15ml
Fixed-angle Rotor
Max Speed : 11000rpm
Max RCF : 12870xg
Tube size : Φ17x121mm



NO. 7
6x10ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 19070xg
Tube size : Φ16x86mm



NO. 8-1
8x15ml
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 15620xg
Tube size : Φ17x121mm



NO. 8-2
6x30ml
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 15620xg
Tube size : Φ25.5x100mm



NO. 9
4x0.2mlx8
PCR tubes
Fixed-angle Rotor
Max Speed : 13000rpm
Max RCF : 14640xg



NO. 10
6x100ml
Fixed-angle Rotor
Max Speed : 9000rpm
Max RCF : 9770xg
Tube size : Φ37x123mm



NO. 11
2x2x48 holes
Swing-out
Microplate Rotor
Max Speed : 4000rpm
Max RCF : 1500xg
Max size : 128x48x60mm

TGL-1850 / TGL-2150

Benchtop High Speed Small Capacity Refrigerated Centrifuge



Features & Advantages

- Streamline machine which is small and can save space
- Lightweight design, so that the centrifuge is no longer heavy
- Variable frequency motor , stable operation
- Microcomputer control, LCD display
- Intelligent detection, imbalance protection
- Automatic lock for safety ,operate conveniently
- Variable frequency compressor for accurate temperature control, CFC-free refrigerants.
- The operating parameters can be modified during operation
- RCF can be set up directly.
- Frequently used programs can be stored, acceleration and deceleration can be adjusted.

Technique Parameter

Model number	TGL-1850 / TGL-2150
Max Speed	14000 r/min 15000 r/min
Max RCF	18800 xg 21630 xg
Max Capacity	12x5ml
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-10°C~35°C
Timer Range	1~999min59s
Noise	≤55dB (A)
Power Supply	AC 220V 50HZ 15A
Dimension	400x285x285(LxWxH) mm
Weight	19kg (Rotor weight is not included)
Standard Rotor	24x1.5ml Fixed-angle Rotor (contains 0.5m and 0.2 ml adaptor)
Power	800 W

Rotor Technical Data



NO. 1
24x1.5/2.2ml
Fixed-angle Rotor

Max Speed : 14000rpm(TGL-1850)
15000rpm(TGL-2150)
Max RCF : 18800xg(TGL-1850)
21630xg(TGL-2150)
Tube size : Φ11x42mm



NO. 2
4x8x0.2ml
Fixed-angle Rotor

Max Speed : 14000rpm(TGL-1850)
15000rpm(TGL-2150)
Max RCF : 18800xg(TGL-1850)
21630xg(TGL-2150)



NO. 3
12x5ml
Fixed-angle Rotor

Max Speed : 14000rpm(TGL-1850)
15000rpm(TGL-2150)
Max RCF : 15880xg(TGL-1850)
18270xg(TGL-1850)
Tube size : Φ14x54mm



TGL-16S

Benchtop High Speed Small Capacity Refrigerated Centrifuge

Features & Advantages

- Variable frequency drive motor, microcomputer control
- LCD & Digital display
- Automatic rotor recognition to prevent from overspeed
- 40 levels of acceleration and deceleration, and it can store 12 users programs.
- Automatic fault diagnosis
- High performance compressor, CFC-free refrigerants
- RCF can be set up directly.
- Adopts Imported famous variable frequency controller, which can control speed accurately and have a long service life.
- The operating parameters can be modified during operation.
- All- steel body, double layer steel for safety
- Three axis gyroscope to monitor the balance of whole operation.
- Electronic lid lock and imbalance protection to ensure safety.

Technique Parameter

Model number	TGL-16S
Max Speed	16500 r/min
Max RCF	21630 xg
Max Capacity	12x10ml(12000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1min~99H59min/inching
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 15A
Dimension	420x625x360(LxWxH) mm
Weight	50 kg
Power	1 KW

Rotor Technical Data



NO. 1
12x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 16500rpm
Max RCF : 19000xg
Tube size : Φ11x42mm



NO. 2
12x5ml
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 18270xg
Tube size : Φ14x54mm



NO. 3
24x1.5/2.2ml
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 21630xg
Tube size : Φ11x42mm



NO. 4
12x10ml
Fixed-angle Rotor
Max Speed : 12000rpm
Max RCF : 13310xg
Tube size : Φ16x86mm



NO. 5
48x1.5ml
Fixed-angle Rotor
Max Speed : 12000rpm
Max RCF : 15970xg
Tube size : Φ11x42mm

TG-20

Benchtop High Speed Centrifuge



Features

- Variable frequency motor; Touch screen.
- Electronic lid lock, independent motor to control.
- Automatic rotor diagnosis to prevent it from over speed.
- Flexible rotor lock method, it's convenient and fast to change rotor.
- 40 levels of changing speed; can store 1000 programs.
- Three axis gyroscope to monitor the balance of whole operation process.
- Automatic fault diagnosis and record.
- 5 steps centrifugation is available.
- Can store 1000 usage records, which can be exported via USB.
- Can set password to lock the machine to prevent it from misoperation.
- Steel body and stainless steel chamber
- RCF can be set directly.
- Operation parameters can be changed under operation.

Technique Parameters

Model	TG-20
Max Speed	20000r/min
Max RCF	27800Xg
Max Capacity	6X100ml (8000rpm)
Speed Accuracy	±10 r/min
Timing Range	1min~9999min59s/inching/continuous
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 10A
Dimension	445×360×315 (L×W×H)mm
Weight	29 kg
Power	500 W

Rotor Data



NO:1
12X1.5/2.2ml

Max Speed: 20000r/min
Max RCF: 27800×g
Tube Size: Φ11X42mm



NO:2
12X5ml

Max Speed: 15000r/min
Max RCF: 18240×g
Tube Size: Φ14X54mm



NO:3
24X1.5/2.2ml

Max Speed: 16000r/min
Max RCF: 24760×g
Tube Size: Φ11X42mm



NO:4-1
12X10ml

Max Speed: 13000r/min
Max RCF: 15630×g
Tube Size: Φ16X86mm



NO:4-2
36X1.5/2.2ml

Max Speed: 13000r/min
Max RCF: 15630×g
Tube Size: Φ11X42mm



NO:5-1
6X50ml Conical Bottom

Max Speed: 12000r/min
Max RCF: 15700×g
Tube Size: Φ29X116mm



NO:5-1
6X50ml Round Bottom

Max Speed: 12000r/min
Max RCF: 15700×g
Tube Size: Φ29X111mm



NO:5-2
48X1.5/2.2ml

Max Speed: 12000r/min
Max RCF: 15700×g
Tube Size: Φ11X42mm



NO:6-1
4X100ml

Max Speed: 10000r/min
Max RCF: 11020×g
Tube Size: Φ37X123mm



NO:6-2
8X50ml Round Bottom

Max Speed: 10000r/min
Max RCF: 11020×g
Tube Size: Φ29X111mm



NO:6-2
8X50ml Conical Bottom

Max Speed: 10000r/min
Max RCF: 11020×g
Tube Size: Φ29X116mm



NO:6-3
12X15ml

Max Speed: 10000r/min
Max RCF: 11020×g
Tube Size: Φ17X121mm



NO:6-4
24X10ml

Max Speed: 10000r/min
Max RCF: 11020×g
Tube Size: Φ16X86mm



NO:7
6X10ml

Max Speed: 16000r/min
Max RCF: 18950×g
Tube Size: Φ16X86mm



NO:8-1
8X15ml

Max Speed: 13000r/min
Max RCF: 14930×g
Tube Size: Φ17X121mm



NO:8-2
6X30ml

Max Speed: 13000r/min
Max RCF: 14930×g
Tube Size: Φ25.5X100mm



NO:9
4*8*0.2ml PCR Tubes

Max Speed: 13000r/min
Max RCF: 14640×g



NO:10
6X100ml

Max Speed: 8000r/min
Max RCF: 7720×g
Tube Size: Φ37X123mm



NO:11
Microplate Rotor
2*2*48 holes

Max Speed: 4000r/min
Max RCF: 1500×g
max: 128X48X60mm

TG-17

Benchtop High Speed Centrifuge



Features

- Variable frequency motor; Touch screen.
- Electronic lid lock,independent motor to control.
- Automatic rotor diagnosis to prevent it from over speed.
- Flexible rotor lock method,it's convenient and fast to change rotor.
- 40 levels of changing speed;can store 1000 programs.
- Three axis gyroscope to monitor the balance of whole operation process.
- Automatic fault diagnosis and record.
- 5 steps centrifugation is available.
- Can store 1000 usage records,which can be exported via USB.
- Can set password to lock the machine to prevent it from misoperation.
- Steel body and stainless steel chamber
- RCF can be set directly.
- Operation parameters can be changed under operation.

Technique Parameters

Model	TG-17
Max Speed	17000r/min
Max RCF	24760Xg
Max Capacity	6X100ml (8000rpm)
Speed Accuracy	±10r/min
Timing Range	1min~9999min59s/inching/continuous
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 10A
Dimension	445×360×315 (L×W×H)mm
Weight	29 kg
Power	500 W

Rotor Data



NO:1
12X1.5/2.2ml
Max Speed:17000r/min
Max RCF:20050×g
Tube Size: Φ11X42mm



NO:2
12X5ml
Max Speed:15000r/min
Max RCF:18240×g
Tube Size:Φ14X54mm



NO:3
24X1.5/2.2ml
Max Speed:16000r/min
Max RCF:24760×g
Tube Size:Φ11X42mm



NO:4-1
12X10ml
Max Speed:13000r/min
Max RCF:15630×g
Tube Size:Φ16X86mm



NO:4-2
36X1.5/2.2ml
Max Speed:13000r/min
Max RCF:15630×g
Tube Size:Φ11X42mm



NO:5-1
6X50ml Conical Bottom
Max Speed:12000r/min
Max RCF:15700×g
Tube Size:Φ29X116mm



NO:5-1
6X50ml Round Bottom
Max Speed:12000r/min
Max RCF:15700×g
Tube Size:Φ29X111mm



NO:5-2
48X1.5/2.2ml
Max Speed:12000r/min
Max RCF:15700×g
Tube Size:Φ11X42mm



NO:6-1
4X100ml
Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ37X123mm



NO:6-2
8X50ml Round Bottom
Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ29X111mm



NO:6-2
8X50ml Conical Bottom
Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ29X116mm



NO:6-3
12X15ml
Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ17X121mm



NO:6-4
24X10ml
Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ16X86mm



NO:7
6X10ml
Max Speed:16000r/min
Max RCF:18950×g
Tube Size:Φ16X86mm



NO:8-1
8X15ml
Max Speed:13000r/min
Max RCF:14930×g
Tube Size:Φ17X121mm



NO:8-2
6X30ml
Max Speed:13000r/min
Max RCF:14930×g
Tube Size:Φ25.5X100mm



NO:9
4*8*0.2ml PCR Tubes
Max Speed:13000r/min
Max RCF:14640×g



NO:10
6X100ml
Max Speed:8000r/min
Max RCF:7720×g
Tube Size:Φ37x123mm



NO:11
Microplate Rotor
2*2*48 holes
Max Speed:4000r/min
Max RCF:1500×g
max:128X48X60mm

TG-1850

Benchtop High Speed Centrifuge



Features & Advantages

- Variable frequency drive motor, microcomputer control
- LCD display.
- Automatic rotor recognition to ensure safe operation
- Electronic lock, Imbalance protection.
- 19 levels of acceleration and deceleration, and it can store 12 user* programs.
- Automatic fault diagnosis.
- RCF can be set up directly.
- The operating parameters can be modified during operation.
- Be easy to replace the rotor with a special elastic fixed method.
- Both swing-out rotors and Fixed-angle Rotors can be used in this centrifuge.
- RCF can be set up directly.

Rotor Technical Data

NO. 1		12x1.5/2.2ml Fixed-angle Rotor Max Speed : 18500rpm Max RCF : 23800xg Tube size : Φ11x42mm
NO. 2		12x5ml Fixed-angle Rotor Max Speed : 15000rpm Max RCF : 18270xg Tube size : Φ14x54mm
NO. 3		24x1.5/2.2ml Fixed-angle Rotor Max Speed : 15000rpm Max RCF : 21630xg Tube size : Φ11x42mm
NO. 4-1		12x10ml Fixed-angle Rotor Max Speed : 13000rpm Max RCF : 15620xg Tube size : Φ16x86mm
NO. 4-2		36x1.5/2.2ml Fixed-angle Rotor Max Speed : 13000rpm Max RCF : 15620xg Tube size : Φ11x42mm

Technique Parameter

Model numbe	TG-1850
Max Speed	18500 r/min
Max RCF	23800 xg
Max Capacity	4x500ml(4000rpm)
Speed Accuracy	±10r/min
Timer Range	1min~9999min59s inching/continuous
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 10A
Dimension	550x450x390 (LxWxH) mm
Weight	60 kg
Power	750W

NO. 4-3		8x15ml Fixed-angle Rotor Max Speed : 13000rpm Max RCF : 15620xg Tube size : Φ17x121mm
NO. 5-1		6x50ml Fixed-angle Rotor conical bottom Max Speed : 12000rpm Max RCF : 15970xg Tube size : Φ29x116mm
		6x50ml Fixed-angle Rotor round bottom Max Speed : 12000rpm Max RCF : 15970xg Tube size : Φ29x111mm
NO. 5-2		48x1.5/2.2ml Fixed-angle Rotor Max Speed : 12000rpm Max RCF : 15970xg Tube size : Φ11x42mm
NO. 6-1		4x100ml Fixed-angle Rotor Max Speed : 10000rpm Max RCF : 10640xg Tube size : Φ37x123mm

NO. 6-2	Fixed-angle Rotor		8x50ml round bottom Max Speed : 10000rpm Max RCF : 10640xg Tube size : Φ29x111mm
			8x50ml conical bottom Max Speed : 10000rpm Max RCF : 10640xg Tube size : Φ29x116mm
NO. 6-3	Fixed-angle Rotor		12x15ml Max Speed : 10000rpm Max RCF : 10640xg Tube size : Φ17x121mm
NO. 7	Fixed-angle Rotor		6x100ml Max Speed : 8000rpm Max RCF : 7720xg Tube size : Φ37x123mm
NO. 8	Swing-out Microplate Rotor		2x3x96 holes Max Speed : 4000rpm Max RCF : 1970xg Max size : 128x87x60mm
NO. 9	Swing-out Rotor		4x250ml Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ63x121mm
			8x50ml Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ29.5x116mm
			20x15ml Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ17x121mm
	Adaptor		36x10ml Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ16.5x86~110mm
			40x7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x100mm
NO. 10	Swing bucket rotor		48x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
			64x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
			4x2x96 holes Max Speed : 4000rpm Max RCF : 3100xg Max size : 128x87x60mm
	Hang cup		148x5ml RIA tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
			96x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ13x75~100mm
	Swing-out Microplate Rotor		4x2x96 holes Max Speed : 4000rpm Max RCF : 3400xg Max size : 128x87x60mm

TG-18

Benchtop High Speed Centrifuge



Features

- Variable frequency motor; Touch screen.
- Electronic lid lock,independent motor to control.
- Automatic rotor diagnosis to prevent it from over speed.
- Flexible rotor lock method,it's convenient and fast to change rotor.
- 40 levels of changing speed;can store 1000 programs.
- Three axis gyroscope to monitor the balance of whole operation process.
- Automatic fault diagnosis and record.
- 5 steps centrifugation is available.
- Can store 1000 usage records,which can be exported via USB.
- Can set password to lock the machine to prevent it from misoperation.
- Steel body and stainless steel chamber
- RCF can be set directly.
- Operation parameters can be changed under optaion.

Technique Parameters

Model	TG-18
Max Speed	18000r/min
Max RCF	24760Xg
Max Capacity	6X100ml (8000rpm)
Speed Accuracy	±10r/min
Timing Range	1min~99min59s/inching
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 10A
Dimension	445×360×315 (L×W×H)mm
Weight	29kg
Power	500 W

Rotor Data



NO:1
12X1.5/2.2ml

Max Speed:18000r/min
Max RCF:22500×g
Tube Size: Φ11X42mm



NO:2
12X5ml

Max Speed:15000r/min
Max RCF:18240×g
Tube Size:Φ14X54mm



NO:3
24X1.5/2.2ml

Max Speed:16000r/min
Max RCF:24760×g
Tube Size:Φ11X42mm



NO:4-1
12X10ml

Max Speed:13000r/min
Max RCF:15630×g
Tube Size:Φ16X86mm



NO:4-2
36X1.5/2.2ml

Max Speed:13000r/min
Max RCF:15630×g
Tube Size:Φ11X42mm



NO:5-1
6X50ml Conical Bottom

Max Speed:12000r/min
Max RCF:15700×g
Tube Size:Φ29X116mm



NO:5-1
6X50ml Round Bottom

Max Speed:12000r/min
Max RCF:15700×g
Tube Size:Φ29X111mm



NO:5-2
48X1.5/2.2ml

Max Speed:12000r/min
Max RCF:15700×g
Tube Size:Φ11X42mm



NO:6-1
4X100ml

Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ37X123mm



NO:6-2
8X50ml Round Bottom

Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ29X111mm



NO:6-2
8X50ml Conical Bottom

Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ29X116mm



NO:6-3
12X15ml

Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ17X121mm



NO:6-4
24X10ml

Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ16X86mm



NO:7
6X10ml

Max Speed:16000r/min
Max RCF:18950×g
Tube Size:Φ16X86mm



NO:8-1
8X15ml

Max Speed:13000r/min
Max RCF:14930×g
Tube Size:Φ17X121mm



NO:8-2
6X30ml

Max Speed:13000r/min
Max RCF:14930×g
Tube Size:Φ25.5X100mm



NO:9
4*8*0.2ml PCR Tubes

Max Speed:13000r/min
Max RCF:14640×g



NO:10
6X100ml

Max Speed:8000r/min
Max RCF:7720×g
Tube Size:Φ37x123mm



NO:11
Microplate Rotor
2*248 holes
Max Speed:4000r/min
Max RCF:1500×g
max:128X48X60mm

TG-16

Benchtop High Speed Centrifuge



Features

- Variable frequency motor; Touch screen.
- Electronic lid lock, independent motor to control.
- Automatic rotor diagnosis to prevent it from over speed.
- Flexible rotor lock method, it's convenient and fast to change rotor.
- 40 levels of changing speed; can store 1000 programs.
- Three axis gyroscope to monitor the balance of whole operation process.
- Automatic fault diagnosis and record.
- 5 steps centrifugation is available.
- Can store 1000 usage records, which can be exported via USB.
- Can set password to lock the machine to prevent it from misoperation.
- Steel body and stainless steel chamber
- RCF can be set directly.
- Operation parameters can be changed under operation.

Technique Parameters

Model	TG-16
Max Speed	16500r/min
Max RCF	24760Xg
Max Capacity	6X100ml (8000rpm)
Speed Accuracy	±10r/min
Timing Range	1s~99h59min59s
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 10A
Dimension	445×360×315 (L×W×H)mm
Weight	29kg
Power	500 W

Rotor Data



NO:1
12X1.5/2.2ml

Max Speed:16500r/min
Max RCF:19000×g
Tube Size: Φ11X42mm



NO:2
12X5ml

Max Speed:15000r/min
Max RCF:18240×g
Tube Size:Φ14X54mm



NO:3
24X1.5/2.2ml

Max Speed:16000r/min
Max RCF:24760×g
Tube Size:Φ11X42mm



NO:4-1
12X10ml

Max Speed:13000r/min
Max RCF:15630×g
Tube Size:Φ16X86mm



NO:4-2
36X1.5/2.2ml

Max Speed:13000r/min
Max RCF:15630×g
Tube Size:Φ11X42mm



NO:5-1
6X50ml Conical Bottom

Max Speed:12000r/min
Max RCF:15700×g
Tube Size:Φ29X116mm



NO:5-1
6X50ml Round Bottom

Max Speed:12000r/min
Max RCF:15700×g
Tube Size:Φ29X111mm



NO:5-2
48X1.5/2.2ml

Max Speed:12000r/min
Max RCF:15700×g
Tube Size:Φ11X42mm



NO:6-1
4X100ml

Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ37X123mm



NO:6-2
8X50ml Round Bottom

Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ29X111mm



NO:6-2
8X50ml Conical Bottom

Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ29X116mm



NO:6-3
12X15ml

Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ17X121mm



NO:6-4
24X10ml

Max Speed:10000r/min
Max RCF:11020×g
Tube Size:Φ16X86mm



NO:7
6X10ml

Max Speed:16000r/min
Max RCF:18950×g
Tube Size:Φ16X86mm



NO:8-1
8X15ml

Max Speed:13000r/min
Max RCF:14930×g
Tube Size:Φ17X121mm



NO:8-2
6X30ml

Max Speed:13000r/min
Max RCF:14930×g
Tube Size:Φ25.5X100mm



NO:9
4*8*0.2ml PCR Tubes

Max Speed:13000r/min
Max RCF:14640×g



NO:10
6X100ml

Max Speed:8000r/min
Max RCF:7720×g
Tube Size:Φ37X123mm



NO:11
Microplate Rotor
2*2*48 holes

Max Speed:4000r/min
Max RCF:1500×g
max:128X48X60mm

TG-15

Benchtop High Speed Small Capacity Centrifuge



Features & Advantages

- Variable frequency drive motor, microcomputer control
- Digital display.
- Stainless steel body and centrifuge chamber.
- Electronic lid lock & independent motor to control
- 10 levels of acceleration and deceleration, and it can store 12 users programs.
- RCF can be set up directly.
- The operating parameters can be modified during operation
- Unique heat dissipation system, after 20 minutes' centrifugation, the temperature rising of chamber is less than 12°C

Technique Parameter

Model number	TG-15
Max Speed	15000 r/min
Max RCF	21630xg
Max Capacity	24x1.5 /2.2ml
Speed Accuracy	±20 r/min
Timer Range	1min~99 min59s/inching
Noise	≤58dB(A)
Power Supply	AC 220V 50HZ 10A
Dimension	365x300x260 (LxWxH) mm
Weight	18 kg
Adaptor	24x0.2ml ; 24x0.5ml
Power	500W

Rotor Technical Data



NO. 1
24x1.5/2.2ml
Fixed-angle Rotor
 Max Speed : 15000rpm
 Max RCF : 21630xg
 Tube size : Φ11x42mm



NO. 2
4x8x0.2ml
Fixed-angle Rotor
 Max Speed : 15000rpm
 Max RCF : 19600xg

TG-16S

Benchtop High Speed Small Capacity Centrifuge



Features & Advantages

- Brushless Motor Drive
- Microcomputer control & digital display
- Steel body, stainless steel centrifuge chamber
- The operating parameters can be modified during operation
- Touching key, easy to operate

Technique Parameter

Model number	TG-16S
Max Speed	16000 r/min
Max RCF	17800 xg
Max Capacity	10x5ml(15000rpm)
Speed Accuracy	±20 r/min
Timer Range	1min~99 min
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 5A
Dimension	305x250x200 (LxWxH) mm
Weight	12.5 kg
Power	200 W

Rotor Technical Data



NO. 1
12x1.5ml/2.2ml
Fixed-angle Rotor
Max Speed : 16000rpm
Max RCF : 17800xg
Tube size : Φ11x42mm



NO. 2
10x5ml
Fixed-angle Rotor
Max Speed : 15000rpm
Max RCF : 16380xg
Tube size : Φ14x54mm

TDL-6M

Benchtop Low Speed Refrigerated Centrifuge



Features & Advantages

- Easy operation with touch-sensitive LCD
- The parameter setting can be directly digitally inputted and accurately put in single digit.
- Intelligent status prompt can display instrument status in real time.
- The machines adopts Three-axis gyroscope to monitor the whole dynamic balance.
- Large storage space can store up to 1000 program groups, 1000 usage records.
- With time display function, including year, month, day, hour, minute and second, which is convenient to trace the usage record.
- Two timing methods are available: Hour/Minutes or Minutes/Seconds.
- Two timing models are optional: count or countdown
- 40 levels of acceleration and deceleration and can set the model of free stop.
- The speed, RCF and temp. curves are displayed on the same screen, and the change relationship can be seen clearly.
- Password lock function: Users can set a password to lock machine and parameter to prevent others from changing.
- Speed and RCF can be automatically converted and displayed in one screen.
- 22 kinds of protection functions such as over-speed, over-pressure, over-heat and so on. Prompt function with voice and text simultaneously
- With electronic manual which will never be lost and is easy to use.
- PID dynamically control temperature.

Rotor Technical Data

NO. 1		4x100ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ38x114mm
		4x50ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ30x116mm
NO. 2		32x15ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ17x121mm
		8x50ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ30x116mm
		8x100ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ38x114mm

Technique Parameter

Model numbe	TDL-6M
Max Speed	6000r/min
Max RCF	5200xg
Max Capacity	4x750ml(4000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Range	-20°C~40°C
Timer Range	1min~99H59 min/inching
Noise	≤56dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	600x680x420 (LxWxH) mm
Weight	108 kg
Power	1.5 KW

NO. 2		48x2-7ml Swing-out Rotor Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
		64x2-7ml Swing-out Rotor Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
NO. 3		4x250ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 5200xg Tube size : Φ63x111mm
		8x50ml Adaptor Tube size : Φ29.5x116mm
		4x100ml Adaptor Tube size : Φ38x114mm
		36x10ml Adaptor Tube size : Φ16.5x86~110mm
		40x7ml Adaptor Tube size : Φ13x100mm
		20x15ml Adaptor Tube size : Φ17x121mm

NO. 4	Swing-out Microplate Rotor		2x3x96 holes Max Speed : 4000rpm Max RCF : 1970xg Max size : 128x87x60mm
NO. 5	Round hang cup		4x500ml Swing-out Rotor Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ80x137mm
	Adaptor		12x50ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ29x116mm
			36x15ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ17x121mm
			76x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
			76x2-7ml Rotor with lid Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
NO. 5	Swing bucket rotor		20x50ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ29.5x116mm
			40x15ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ17x121mm
			80x10ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ15x100mm
			112x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
			100x1.5ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ11x42mm

NO. 5	Hang cup		148x5ml RIA tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
			96x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
	Swing-out Microplate Rotor		4x2x96 holes Max Speed : 4200rpm Max RCF : 3550xg Max size : 128x87x60mm
NO. 6	Conical bottom swing-out Rotor		4x250ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ60x164mm
	Adaptor		4x750ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ100x141mm
			12x100ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ38x114mm
			20x50ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ29x116mm
			56x15ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ17x121mm
NO. 7	Swing-out Rotor		96x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ13x75~100mm
			6x250ml Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ63x111mm
NO. 8	Fixed-angle Rotor		6x50ml Max Speed : 6000rpm Max RCF : 5120xg Tube size : Φ29x116mm
			12x15ml Max Speed : 6000rpm Max RCF : 5120xg Tube size : Φ17x121mm

TDL-5M

Benchtop Low Speed Refrigerated Centrifuge



Features & Advantages

- Easy operation with touch-sensitive LCD
- The parameter setting can be directly digitally inputted and accurately put in single digit.
- Intelligent status prompt can display instrument status in real time.
- The machines adopts Three-axis gyroscope to monitor the whole dynamic balance.
- Large storage space can store up to 1000 program groups, 1000 usage records.
- With time display function, including year, month, day, hour, minute and second, which is convenient to trace the usage record.
- Two timing methods are available: Hour/Minutes or Minutes/Seconds.
- Two timing models are optional: count or countdown
- 40 levels of acceleration and deceleration and can set the model of free stop.
- The speed, RCF and temp. curves are displayed on the same screen, and the change relationship can be seen clearly.
- Password lock function: Users can set a password to lock machine and parameter to prevent others from changing.
- Speed and RCF can be automatically converted and displayed in one screen.
- 22 kinds of protection functions such as over-speed, over-pressure, over-heat and so on. Prompt function with voice and text simultaneously
- With electronic manual which will never be lost and is easy to use.
- PID dynamically control temperature.

Rotor Technical Data

NO. 1		4x100ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ38x114mm
		4x50ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ30x116mm
NO. 2		32x15ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ17x121mm
		8x50ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ30x116mm
		8x100ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ38x114mm
		8x100ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ38x114mm

Technique Parameter

Model numbe	TDL-5M
Max Speed	5000 r/min
Max RCF	5200xg
Max Capacity	4x750ml(4000rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Range	-20°C~40°C
Timer Range	1min~99H59 min/inching
Noise	≤56dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	600x680x420 (LxWxH) mm
Weight	108 kg
Power	1.5 KW

NO. 2		48x2-7ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
		64x2-7ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
NO. 3		4x250ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 5200xg Tube size : Φ63x111mm
		8x50ml Adaptor Tube size : Φ29.5x116mm
		4x100ml Adaptor Tube size : Φ38x114mm
		36x10ml Adaptor Tube size : Φ16.5x86~110mm
		40x7ml Adaptor Tube size : Φ13x100mm
		20x15ml Adaptor Tube size : Φ17x121mm

NO. 4	Swing-out Microplate Rotor		2x3x96 holes Max Speed : 4000rpm Max RCF : 1970xg Max size : 128x87x60mm
NO. 5	Round hang cup		4x500ml Swing-out Rotor Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ80x137mm
	Adaptor		12x50ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ29x116mm
			36x15ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ17x121mm
			76x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
			76x2-7ml Rotor with lid Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
NO. 5	Swing bucket rotor		20x50ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ29.5x116mm
			40x15ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ17x121mm
			80x10ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ15x100mm
			112x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
			100x1.5ml Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ11x42mm

NO. 5	Hang cup		148x5ml RIA tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
			96x2-7ml Vacuum blood collection tube Max Speed : 4200rpm Max RCF : 3550xg Tube size : Φ13x75~100mm
	Swing-out Microplate Rotor		4x2x96 holes Max Speed : 4200rpm Max RCF : 3550xg Max size : 128x87x60mm
NO. 6	Conical bottom swing-out Rotor		4x250ml Max Speed : 4000rpm Max RCF : 3400xg Tube size : Φ60x164mm
	Adaptor		4x750ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ100x141mm
			12x100ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ38x114mm
			20x50ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ29x116mm
			56x15ml Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ17x121mm
			96x2-7ml Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3500xg Tube size : Φ13x75~100mm
			6x250ml Max Speed : 4000rpm Max RCF : 3580xg Tube size : Φ63x111mm

TDL-6

Benchtop Low Speed Refrigerated Centrifuge



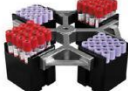
Features & Advantages

- Easy operation with touch-sensitive LCD
- The parameter setting can be directly digitally inputted and accurately put in single digit.
- Intelligent status prompt can display instrument status in real time.
- The machines adopts Three-axis gyroscope to monitor the whole dynamic balance.
- Large storage space can store up to 1000 program groups, 1000 usage records.
- With time display function, including year, month, day, hour, minute and second, which is convenient to trace the usage record.
- Two timing methods are available: Hour/Minutes or Minutes/Seconds.
- Two timing models are optional: count or countdown
- 40 levels of acceleration and deceleration and can set the model of free stop.
- The speed, RCF and temp. curves are displayed on the same screen, and the change relationship can be seen clearly.
- Password lock function: Users can set a password to lock machine and parameter to prevent others from changing.
- Speed and RCF can be automatically converted and displayed in one screen.
- 22 kinds of protection functions such as over-speed, over-pressure, over-heat and so on. Prompt function with voice and text simultaneously
- With electronic manual which will never be lost and is easy to use.
- PID dynamically control temperature.

Technique Parameter

Model number	TDL-6
Max Speed	6000 rpm
Max RCF	5120 xg
Max Capacity	4x250ml (4000 rpm)
Speed Accuracy	±10r/min
Temp Accuracy	±1°C
Temp Accuracy	-20°C~40°C
Timer Range	1min~99H59min/inching
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 15A
Dimension	640x560x390(LxWxH)mm
Weight	80 kg
Power	1.2 KW

Rotor Technical Data

NO. 1		4x100ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ38x114mm
		4x50ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ30x116mm
NO. 3		4x250ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ63x111mm
		8x50ml Adaptor Tube size : Φ29.5x116mm
		4x100ml Adaptor Tube size : Φ38x114mm
		36x10ml Adaptor Tube size : Φ16.5x86~110mm
		40x7ml Adaptor Tube size : Φ13x100mm
		20x15ml Adaptor Tube size : Φ17x121mm
		48x2-7ml Swing-out Rotor Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
		64x2-7ml Swing-out Rotor Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm

NO. 2		32x15ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ17x121mm
		8x50ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ30x116mm
		8x100ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ38x114mm
NO. 4		Microplate Swinging Bucket Rotor 2x3x96 holes Max Speed : 4000rpm Max RCF : 1970xg Max size: 128x87x60mm
NO. 5		6x50ml Fixed-angle Rotor Max Speed : 6000rpm Max RCF : 5120xg Tube size : Φ29x116mm
		12x15ml Fixed-angle Rotor Max Speed : 6000rpm Max RCF : 5120xg Tube size : Φ17x121mm

TD-6M

Benchtop Low Speed Centrifuge

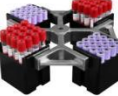


Features

- Variable frequency motor,microcomputer control
- Touching keys,LCD display
- All-steel body,stainless steel chamber
- Electronic lid lock
- Can store 12 programs,19 levels of acceleration and deceleration
- Automatic fault diagnosis
- RCF can be set directly
- The operating parameters can be changed during operation
- Three axis gyroscope to monitor the balance of whole operating process

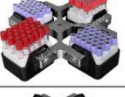
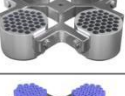
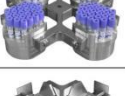
Rotor Technical Data

NO:1		4X100ml Swing-out Rotor Max Speed:5000r/min Max RCF :4650×g Tube Size :Φ38X114mm
		4X50ml Swing-out Rotor Max Speed:5000r/min Max RCF :4650×g Tube Size :Φ30X116mm
NO:2		32X15ml Swing-out Rotor Max Speed:4000r/min Max RCF :2980×g Tube Size :Φ17X121mm
		8X50ml Swing-out Rotor Max Speed:4000r/min Max RCF :2980×g Tube Size :Φ30X116mm

NO:2		8X100ml Swing-out Rotor Max Speed:4000r/min Max RCF :2980×g Tube Size :Φ38X114mm
		48X2~7ml Swing-out Rotor Vacuum blood collection tube Max Speed:4000r/min Max RCF :3100×g Tube Size :Φ13X75~100mm
		64X2~7ml Swing-out Rotor Vacuum blood collection tube Max Speed:4000r/min Max RCF :3100×g Tube Size :Φ13X75~100mm

Technical Parameters

Model No.	TD-6M
Max Speed	6000r/min
Max RCF	5200Xg
Max Capacity	4X500ml (4000rpm)
Speed Accuracy	±10 r/min
Timer Range	1min~9999min59s/inching
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 10A
Dimension	560×450×415(L×W×H)mm
Weight	53 kg
Power	600 W

NO:3		4X250ml Swing-out Rotor Max Speed:5000r/min Max RCF :5200×g Tube Size :Φ63X111mm	
		8X50ml Adaptor	Tube Size : Φ29.5X116mm
		4X100ml Adaptor	Tube Size : Φ38X114mm
		36X10ml Adaptor	Tube Size : Φ16.5X86~110mm
		40X7ml Adaptor	Tube Size : Φ13X100mm
NO:4		Swing-out Microplate Rotor 2X3X96 holes Max Speed:4000r/min Max RCF :1970×g max:128X87X60mm	
NO:5	Round Hang Cup		4X500ml Swing-out Rotor Max Speed :4000r/min Max RCF :3400×g Tube Size :Φ80X137mm
			12X50ml Tube Size :Φ29X116mm
	Adaptor		36X15ml Tube Size :Φ17X121mm
			76X2~7ml Vacuum blood collection tube Tube Size :Φ13X75~100mm
	Swing Bucket Rotor		76X2~7ml With Lid Vacuum blood collection tube Tube Size :Φ13X75~100mm
			20X50ml Tube Size :Φ29.5X116mm
NO:5	Swing Bucket Rotor		40X15ml Tube Size:Φ17X121mm
			80X10ml Vacuum blood collection tube Tube Size :Φ15X100mm
	Swing-out Microplate Rotor		112X2~7ml Vacuum blood collection tube Tube Size:Φ13x75~100mm
			100X1.5ml Tube Size :Φ11X42mm
	Hang Cup		148X5ml RIA tube Tube Size:Φ13X75~100mm
			96X2~7ml Vacuum blood collection tube Tube Size :Φ13X75~100mm
NO:6	Swing-out Microplate Rotor		4X2X96 holes max:128X87X60mm
			4X250ml Conical Bottom Swing-out Rotor Max Speed:4000r/min Max RCF :3400×g Tube Size :Φ60X164mm
	Swing Bucket Rotor		6X50ml Max Speed:6000r/min Max RCF :5120×g Tube Size :Φ29X116mm
			12X15ml Max Speed:6000r/min Max RCF :5120×g Tube Size :Φ17X121mm
	Swing Bucket Rotor		12X15ml Max Speed:6000r/min Max RCF :5120×g Tube Size :Φ17X121mm
			12X15ml Max Speed:6000r/min Max RCF :5120×g Tube Size :Φ17X121mm

TD-5M

Benchtop Low Speed Centrifuge

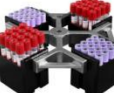


Features

- Variable frequency motor,microcomputer control
- Touching keys,LCD display
- All-steel body,stainless steel chamber
- Electronic lid lock
- Can store 12 programs,19 levels of acceleration and deceleration
- Automatic fault diagnosis
- RCF can be set directly
- The operating parameters can be changed during operation
- Three axis gyroscope to monitor the balance of whole operating process

Rotor Technical Data

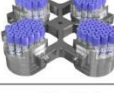
NO:1		4X100ml Swing-out Rotor Max Speed:5000r/min Max RCF :4650×g Tube Size :Φ38X114mm
		4X50ml Swing-out Rotor Max Speed:5000r/min Max RCF :4650×g Tube Size :Φ30X116mm
NO:2		32X15ml Swing-out Rotor Max Speed:4000r/min Max RCF :2980×g Tube Size :Φ17X121mm
		8X50ml Swing-out Rotor Max Speed:4000r/min Max RCF :2980×g Tube Size :Φ30X116mm

NO:2		8X100ml Swing-out Rotor Max Speed:4000r/min Max RCF :2980×g Tube Size :Φ38X114mm
		48X2~7ml Swing-out Rotor Vacuum blood collection tube Max Speed:4000r/min Max RCF :3100×g Tube Size :Φ13X75~100mm
		64X2~7ml Swing-out Rotor Vacuum blood collection tube Max Speed:4000r/min Max RCF :3100×g Tube Size :Φ13X75~100mm

Technical Parameters

Model No.	TD-5M
Max Speed	5000r/min
Max RCF	5200Xg
Max Capacity	4X500ml (4000rpm)
Speed Accuracy	±10 r/min
Timer Range	1min~9999min59s/inching
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 10A
Dimension	560×450×415(L×W×H)mm
Weight	53 kg
Power	600 W

NO:3		4X250ml Swing-out Rotor Max Speed:5000r/min Max RCF :5200×g Tube Size :Φ63X111mm	
		8X50ml Adaptor	Tube Size : Φ29.5X116mm
		4X100ml Adaptor	Tube Size : Φ38X114mm
		36X10ml Adaptor	Tube Size : Φ16.5X86~110mm
		40X7ml Adaptor	Tube Size : Φ13X100mm
NO:4		Swing-out Microplate Rotor 2X3X96 holes Max Speed:4000r/min Max RCF :1970×g max:128X87X60mm	
NO:5	Round Hang Cup		4X500ml Swing-out Rotor Max Speed:4000r/min Max RCF :3400×g Tube Size :Φ80X137mm
	Adaptor		12X50ml Tube Size :Φ29X116mm
			36X15ml Tube Size :Φ17X121mm
			76X2~7ml Vacuum blood collection tube Tube Size :Φ13X75~100mm
			76X2~7ml With Lid Vacuum blood collection tube Tube Size :Φ13X75~100mm
	Swing Bucket Rotor		20X50ml Tube Size :Φ29.5X116mm

NO:5	Swing Bucket Rotor		40X15ml Tube Size :Φ17X121mm
			80X10ml Vacuum blood collection tube Tube Size :Φ15X100mm
			112X2~7ml Vacuum blood collection tube Tube Size :Φ13X75~100mm
			100X1.5ml Tube Size :Φ11X42mm
NO:5	Hang Cup		148X5ml RIA tube Tube Size :Φ13X75~100mm
			96X2~7ml Vacuum blood collection tube Tube Size :Φ13X75~100mm
	Swing-out Microplate Rotor		4X2X96 holes max:128X87X60mm
NO:5	Swing Bucket Rotor		4X250ml Conical Bottom Swing-out Rotor Max Speed:4000r/min Max RCF :3400×g Tube Size :Φ60X164mm

TD-600

Benchtop Low Speed Centrifuge



Features & Advantages

- Variable frequency drive motor
- Digital Display
- All- steel body, stainless steel chamber
- An independent motor controls the safety door lock
- 10 levels of acceleration and deceleration, commonly used programs can be stored and used
- RCF can be set up directly
- The operating parameters can be modified during operation

Technique Parameter

Model number	TD-600
Max Speed	6000 r/min
Max RCF	5120 xg
Max Capacity	6x50ml
Speed Accuracy	±30r/min
Timer Range	1min~99 min59s/inching
Noise	≤60 dB (A)
Power Supply	AC 220V 50HZ 10A
Dimension	480x390x320(LxWxH)mm
Weight	28 kg
Power	400 W

Rotor Technical Data



NO. 1-1
12x15ml
Fixed-angle Rotor
 Max Speed : 6000rpm
 Max RCF : 5120xg
 Tube size : Φ17x121mm



NO. 1-2
6x50ml
Fixed-angle Rotor
 Max Speed : 6000rpm
 Max RCF : 5120xg
 Tube size : Φ29x116mm



NO. 2
24x7ml
Swing-out Rotor
vacuum blood collection tube
 Max Speed : 5000rpm
 Max RCF : 4000xg
 Tube size : Φ13x75~100mm



NO. 3-1
16x15ml
Swing-out Rotor
 Max Speed : 5000rpm
 Max RCF : 4620xg
 Tube size : Φ17x121mm



NO. 3-2
8x15ml
Swing-out Rotor
 Max Speed : 5000rpm
 Max RCF : 4620xg
 Tube size : Φ17x121mm



NO. 4
4x50ml
Swing-out Rotor
 Max Speed : 4000rpm
 Max RCF : 2690xg
 Tube size : Φ29x116mm

TD-500

Benchtop Low Speed Centrifuge



Features & Advantages

- Variable frequency drive motor
- Digital Display
- All- steel body, stainless steel chamber
- An independent motor controls the safety door lock
- 10 levels of acceleration and deceleration, commonly used programs can be stored and used
- RCF can be set up directly
- The operating parameters can be modified during operation

Technique Parameter

Model number	TD-500
Max Speed	5000r/min
Max RCF	4620xg
Max Capacity	6x50ml
Speed Accuracy	±30r/min
Timer Range	1min~99 min59s/inching
Noise	≤60 dB (A)
Power Supply	AC 220V 50HZ 10A
Dimension	480x390x320(LxWxH)mm
Weight	28 kg
Power	400 W

Rotor Technical Data



NO. 1-1
12x15ml
Fixed-angle Rotor
 Max Speed : 5000rpm
 Max RCF : 3550xg
 Tube size : Φ17x121mm



NO. 1-2
6x50ml
Fixed-angle Rotor
 Max Speed : 5000rpm
 Max RCF : 3550xg
 Tube size : Φ29x116mm



NO. 2
24x7ml
Swing-out Rotor
vacuum blood collection tube
 Max Speed : 5000rpm
 Max RCF : 4000xg
 Tube size : Φ13x75~100mm



NO. 3-1
16x15ml
Swing-out Rotor
 Max Speed : 5000rpm
 Max RCF : 4620xg
 Tube size : Φ17x121mm



NO. 3-2
8x15ml
Swing-out Rotor
 Max Speed : 5000rpm
 Max RCF : 4620xg
 Tube size : Φ17x121mm



NO. 4
4x50ml
Swing-out Rotor
 Max Speed : 4000rpm
 Max RCF : 2690xg
 Tube size : Φ29x116mm

TD-5B

Benchtop Low Speed Centrifuge



Features & Advantages

- Variable frequency drive motor, microcomputer control
- Touching key, LCD display
- All- steel body, stainless steel chamber
- Electronic lid lock
- 19 levels of acceleration and deceleration, and it can store 12 users' programs.
- Automatic fault diagnosis
- RCF can be set up directly
- The operating parameters can be modified during operation

Technique Parameter

Model number	TD-5B
Max Speed	5000 r/min
Max RCF	4650 xg
Max Capacity	4x250ml(4000rpm)
Speed Accuracy	±10r/min
Timer Range	1min~9999 min59s /inching/continuous
Noise	≤60dB (A)
Motor	Variable frequency drive motor
Display	LCD
Power Supply	AC 220V 50HZ 10A
Dimension	550x430x350(LxWxH) mm
Weight	40 kg
Power	500 W

Rotor Technical Data

NO. 1		4x100ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ38x114mm
		4x50ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ30x116mm
NO. 2		32x15ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ17x121mm It can match different vacuum blood collection tube adaptor
		8x50ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ30x116mm
		8x100ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ38x114mm
		24x15ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ17x121mm It can match different vacuum blood collection tube adaptor
NO. 3		4x250ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ63x111mm
		8x50ml Adaptor Tube size : Φ29.5x116mm
		4x100ml Adaptor Tube size : Φ38x114mm
		36x10ml Adaptor Tube size : Φ16.5x86~110mm
NO. 3		48x2-7ml Swing-out Rotor Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
		64x2-7ml Swing-out Rotor Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
NO. 4		Microplate Swinging Bucket Rotor 2x3x96 holes Max Speed : 4000rpm Max RCF : 1970xg Max size: 128x87x60mm

TD-5

Benchtop Low Speed Centrifuge



Features & Advantages

- Variable frequency drive motor, microcomputer control
- Touching key, LED display
- All- steel body, stainless steel chamber
- Electronic lid lock
- 19 levels of acceleration and deceleration, and it can store 12 users' programs.
- Automatic fault diagnosis
- RCF can be set up directly
- The operating parameters can be modified during operation

Technique Parameter

Model number	TD-5
Max Speed	5000 r/min
Max RCF	4650 xg
Max Capacity	4x250ml(4000rpm)
Speed Accuracy	±10r/min
Timer Range	1min~99min59s/inching
Noise	≤60dB (A)
Motor	Variable frequency drive motor
Display	LED
Power Supply	AC 220V 50HZ 10A
Dimension	550x430x350(LxWxH) mm
Weight	40 kg
Power	500 W

Rotor Technical Data

NO. 1		4x100ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ38x114mm
		4x50ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ30x116mm
NO. 2		32x15ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ17x121mm It can match different vacuum blood collection tube adaptor
		8x50ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ30x116mm
		8x100ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ38x114mm
		24x15ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ17x121mm It can match different vacuum blood collection tube adaptor
NO. 3		4x250ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ63x111mm
		8x50ml Adaptor Tube size : Φ29.5x116mm
		4x100ml Adaptor Tube size : Φ38x114mm
		36x10ml Adaptor Tube size : Φ16.5x86~110mm
NO. 3		48x2-7ml Swing-out Rotor Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
		64x2-7ml Swing-out Rotor Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 3100xg Tube size : Φ13x75~100mm
NO. 4		Microplate Swinging Bucket Rotor 2x3x96 holes Max Speed : 4000rpm Max RCF : 1970xg Max size : 128x87x60mm

TD-5Z

Benchtop Low Speed Multi-Pipe Rack Centrifuge



Features & Advantages

- Variable frequency drive motor, microcomputer control
- Touching key, LCD display
- All- steel body, stainless steel chamber
- Electronic lid lock
- Automatic fault diagnosis
- 10 levels of acceleration and deceleration, commonly used programs can be stored and used
- Automatic fault diagnosis
- RCF can be set up directly
- The operating parameters can be modified during operation

Technique Parameter

Model number	TD-5Z
Max Speed	5000 r/min
Max RCF	4650 xg
Max Capacity	8x100ml(4000rpm)
Speed Accuracy	±10r/min
Timer Range	1min~99 min59s/inching
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 10A
Dimension	550x430x350(LxWxH) mm
Weight	40 kg
Power	500 W

Rotor Technical Data

NO. 1		4x100ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ38x114mm
		4x50ml Swing-out Rotor Max Speed : 5000rpm Max RCF : 4650 xg Tube size : Φ30x116mm
NO. 2		32x15ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ17x121mm It can match different vacuum blood collection tube adaptor
		24x15ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ17x121mm It can match different vacuum blood collection tube adaptor
NO. 2		8x50ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ30x116mm
		8x100ml Swing-out Rotor Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ38x114mm
		48x2-7ml Swing-out Rotor Vacuum blood collection tube Max Speed : 4000rpm Max RCF : 2980xg Tube size : Φ13x75~100mm
NO. 4		Microplate Swinging Bucket Rotor 2x3x96 holes Max Speed : 4000rpm Max RCF : 1970xg Max size: 128x86x60mm

TD-420

Benchtop Low Speed Centrifuge



Features & Advantages

- Brushless motors, microcomputer control
- Touching key, digital display
- All- steel body, stainless steel chamber
- Electronic safe lock
- 10 levels of acceleration and deceleration, commonly used programs can be stored and used
- Automatic fault diagnosis
- RCF can be set up directly
- Time, Speed, RCF, etc. can be modified during operation

Technique Parameter

Model number	TD-420
Max Speed	4200 r/min
Max RCF	3060 xg
Max Capacity	4x100ml
Speed Accuracy	±20r/min
Timer Range	1min~99 min59s/inching
Noise	≤60 dB (A)
Power Supply	AC 220V 50HZ 10A
Dimension	480x390x320(LxWxH)mm
Weight	28 kg
Power	400 W

Rotor Technical Data



NO. 1
4x50ml
Fixed-angle Rotor

Max Speed : 4200rpm
Max RCF : 2820xg
Tube size : Φ30x116mm



NO. 2
4x100ml
Fixed-angle Rotor

Max Speed : 4200rpm
Max RCF : 2860xg
Tube size : Φ38x114mm



NO. 3
16x15ml
Swing-out Rotor

Max Speed : 4200rpm
Max RCF : 3060xg
Tube size : Φ17x121mm



NO. 4
8x50ml
Swing-out Rotor

Max Speed : 4200rpm
Max RCF : 3060xg
Tube size : 30x116mm

TD-400

Benchtop Low Speed Centrifuge



Features & Advantages

- Variable frequency drive motor, digital display
- All- steel body, stainless steel chamber
- Electronic lid lock to ensure safety
- 9 levels of acceleration and deceleration
- Aluminum alloy rotor
- RCF can be set up directly
- Time, Speed, RCF, etc. can be modified during operation

Technique Parameter

Model number	TD-400
Max Speed	4200 r/min
Max RCF	2680 xg
Max Capacity	24x10ml vacuum blood collection tube
Speed Accuracy	±20r/min
Timer Range	1min~99 min
Noise	≤60 dB (A)
Power Supply	AC 220V 50HZ 5A
Dimension	375x300x260(LxWxH) mm
Weight	17 kg
Power	250 W



24x2~10ml
vacuum blood collection tube

TD-4Z

Benchtop Low Speed Centrifuge



Features & Advantages

- Variable frequency drive motor, digital display
- All- steel body, stainless steel chamber
- Electronic lid lock to ensure safety
- 9 levels of acceleration and deceleration
- Aluminum alloy rotor
- RCF can be set up directly
- Time, Speed, RCF, etc. can be modified during operation



4x50ml
Fixed-angle Rotor



12x20ml
Fixed-angle Rotor

Technique Parameter

Model number	TD-4Z
Max Speed	4200 r/min
Max RCF	2680 xg
Max Capacity	12x20ml or 4x50ml (Fixed-angle Rotor)
Speed Accuracy	±20r/min
Timer Range	1min~99 min
Noise	≤55dB(A)
Power Supply	AC 220V 50HZ 5A
Dimension	440x340x290(LxWxH)mm
Weight	23 kg
Power	200 W

TD-550

Low Speed Centrifuge For Blood Bank



Features & Advantages

- Microcomputer control, digital display ,brushless drive motor
- It can store 9 users programs.
- The shortest time of acceleration $\leq 10S$
- Electronic lid lock, stainless steel chamber
- RCF can be set up directly
- The operating parameters can be modified during operation
- Automatic fault diagnosis
- Designed for blood cross matching by polybrene test
- The speed can accelerate and decelerate fast and stop steadily
- Be used for blood cross matching,
blood grouping and screening of irregular antibodies

Technique Parameter

Model number	TD-550
Max Speed	5500 r/min
Max RCF	4300 xg
Max Capacity	12x15ml
Speed Accuracy	$\pm 30r/min$
Timer Range	1s~99min59s/inching
The shortest time of acceleration	$\leq 10S$
Noise	$\leq 60dB(A)$
Power Supply	AC 220V 50HZ 5A
Dimension	480x390x320(LxWxH)mm
Weight	25 kg
Power	500 W



12x15ml

TDL-550

Low Speed Refrigerated Centrifuge

Especially for Blood Bank / Blood Collection Vehicle



This machine is a compact low-speed refrigerated centrifuge with suitable capacity designed for blood collection carts, mobile workstations, blood banks, etc. The volume is smaller than the conventional refrigerated centrifuge, especially suitable for compact laboratory space, small batch sample processing, etc.

Features

- Frequency conversion motor drive, 5 inch touch screen
- Automatic fault diagnosis and automatic recording
- Multi-stage and stage centrifugation can be carried out, curve display
- 40-level speed adjustment, commonly used programs can be stored and used
- All-steel body, stainless steel centrifuge chamber
- Electronic lid lock to ensure safety
- RCF can be set directly
- The speed, RCF, time and other parameters can be changed during operation
- 1000 usage records can be stored and can be exported by USB

Technical Parameters

Max Speed	5500r/min
Max RCF	4300xg
Max Capacity	4X50ml (5000rpm)
Speed Accuracy	±10r/min
Time Range	1s-99H59min59s
Temp Range	-20—40℃
Noise	≤56dB (A)
Power Supply	AC 220V 50HZ 5A
Power	450W
Dimension	430x500x315(L x W x H) mm
Weight	43Kg

NO:1		4X50ml Conical Bottom	Max Speed : 5000rpm Max RCF : 3910Xg
NO:2		16X10ml Vacuum blood collection tube	Max Speed : 4500rpm Max RCF : 3170Xg
		16X2~7ml Vacuum blood collection tube	
		16X10ml Virus sampling tube	
NO:3		12X15ml Fixed angle rotor It can match with adaptor of 2-10ml vacuum blood collection tube	Max Speed : 5500rpm Max RCF : 4300Xg

TD-4 CGF Variable Speed Program Centrifuge

Platelet-rich fibrin multi-purpose centrifuge

This machine is jointly developed by SHUKE and many well-known domestic dental hospitals and plastic surgery institutions, and has been tested by many clinical institutions. It is easy to operate and reliable. It is widely used in dentistry, plastic surgery, orthopedics and other fields.

Features

- Use variable frequency motor, energy saving, environmental protection, precise speed
- Corrosion-resistant and clean stainless steel centrifuge chamber
- Electronic door lock, automatically open after centrifugation, hydraulic gas spring supports the door cover
- 12x10ml metal rotor, super hard plastic tube sleeve, 121° sterilization
- Built-in dedicated centrifugation programs for plasma, PRP, APRF, iPRF, CGF, etc., all with one-key operation

Program	Name	Application
1	PRP	Suitable for platelet-rich plasma
2	Serum Plasma	Suitable for conventional plasma
3	APRF	Suitable for platelet-rich fibrin
4	iPRF	Suitable for injection-type platelet rich
5	CGF	Suitable for concentrated growth factors



Technical Parameters

Max Speed	3500 r/min
Max RCF	1640 Xg
Max Capacity	12X10ml
Speed Accuracy	±20r/min
Noise	≤55dB(A)
Power Supply	AC 220V 50HZ 2A
Dimension	430×340×330(L×W×H)mm
Weight	17 kg



TD-4B

Celling Washing Centrifuge



Features & Advantages

- The machine adopts Variable frequency drive motor, digital display
- All-steel body, stainless steel centrifugal chamber
- electronic lid locks to ensure the safety
- Electronic lid lock
- Specifically for red blood and lymphocyte washing
- Acceleration & deceleration only need 7 seconds
- HLA and SERO rotor's centrifugal procedures have been standardized,so it's easy to use.

Technique Parameter

Model number	TD-4B
Max Speed	4700r/min
Max RCF	2000 xg
Max Capacity	12x7ml (SERO rotor)
Speed Accuracy	±20r/min
Timer Range	0~99min
Noise	≤55dB(A)
Power Supply	AC 220V 50HZ 5A
Dimension	375×300×360(L× W × H)mm
Weight	17 kg
Power	200 W

Rotor Technical Data

Rotor	Programs	RCF(xg)	Time(s)	Function
rotor for red blood SERO (12x7ml)	1	500xg	60s	blood grouping,observation of Hemagglutination reaction
	2	1000xg	15s	cross-matching,Coombs tes
	3	1000xg	60s	Wash blood cell,extraction of serum and plasma
rotor for lymphocyte HLA (12x1.5ml)	1	2000xg	180s	Lymphocyte segregation, Cell-culture Isolation
	2	1000xg	3s	platelet separation,handling with thrombase
	3	1000xg	60s	Lymphocyte washing



SERO rotor



HLA rotor

TD-4K

Blood Card/Gel Card Centrifuge



Gel Card Centrifuge is used in blood serum, blood type routine examination, red blood cell washing, micro column gel immunoassay test.

Features & Advantages

- The efficient program of blood typing and Serum test.
- Variable frequency drive motor, microcomputer control
- It has electronic lid lock device, over-speed safety device, and automatic system check, etc.
- Low noise, without carbon powder pollution
- Optional with 12 and 24 micro gel rotor
- Professional program design, it can run directly without parameter settings.

Technique Parameter

Model number	TD-4K
Max Speed	3840 r/min
Max RCF	1790 xg
Max Capacity	12 /24 micro-gel cards rotor
Motor	Variable frequency drive motor
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 10A
Dimension	375×300×360(L× W × H)mm
Weight	23 kg
Power	100 W

Program instruction

Centrifuge time	The speed	The RCF
0-2 min	900rpm	100xg
2-5 min	1500rpm	280xg



TD-450

PRP/PPP Centrifuge



Features

- Frequency conversion motor and maintenance-free
- Micro-computer control ,digital display
- Electronic locks and All-steel body to ensure the safety
- RCF can be set directly
- The rotors and the accessories can be disinfected under high temperature and high pressure

Technical Parameters

Max Speed	4500r/min
Max RCF	3380Xg
Max Capacity	6X50ml
Speed Accuracy	±10 r/min
Time Range	1min~99min59s/
Motor	Variable frequency motor
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 10A
Dimension	550×450×365(L×W×H)mm
Weight	40 kg
Power	500 W

Rotor Data

Rotor	Capacity	Max Speed	Max RCF
No.1	16X10ml Syringe	4000rpm	3000Xg
No.2	8X20ml Syringe	4000rpm	3100Xg
No.3	4X50mlPRP kits/syringe	4000rpm	3380Xg
No.4	24X10ml Vacuum blood collection tubes	4000rpm	2890Xg
No.5	6X50ml Syringe	4500rpm	3020Xg



24 holes vacuum blood
collection tubes
4000rpm
2890Xg



4 holes PRP kit
4000rpm
3380xg



4x50ml syringe
4000rpm
3380xg



8x20ml syringe
4000rpm
3100xg



16x10ml syringe
4000rpm
3000xg



L5KR For PRP,PPP,CGF,PRF

Benchtop Low Speed Refrigerated Centrifuge



Have exclusive programs for plasma,PRP,APRF,iPRF,CGF.

Rotors and accessories can be sterilized by high temperature and high pressure.

Features

- Touch screen, setting parameters by inputing numbers directly.
- Three axis gyroscope to monitor the balance of whole operation.
- Can store 1000 programs and usage records.
- 40 levels of acceleration and deceleration. Can set free stop.
- PID controls temperature dynamically.
- Various protections,such as over speed,over heat,over pressure etc.
- Speed, RCF and temp curves display together.
- Password lock function: can set password to lock the machine and parameters.
- Speed and RCF convert automatically and display together.

Parameters

Max Speed	5000 r/min
Max RCF	3620 Xg
Max Capacity	6X50ml
Speed Accuracy	±10r/min
Temp Accuracy	±1℃
Temp Range	-20℃ ~40℃
Time Range	1min~99H59 min/
Noise	≤60db(A)
Power Supply	AC 220V 50HZ 15A
Power	1.2KW
Dimension	640×560×390(L×W×H)mm
Weight	80 kg

Rotor Data

Rotor	Capacity	Max Speed	Max RCF
No.1	16X10ml syringe	4000rpm	3000Xg
No.2	8X20ml syringe	4000rpm	3100Xg
No.3	4X50mlPRPkit/syringe	4000rpm	3380Xg
No.4	24X10ml vacuum blood collection tube	4000rpm	2890Xg
No.5	6X50ml syringe	5000rpm	3620Xg



24 holes
vacuum blood collection tube
4000rpm
2890Xg

4 holes PRP kit
4000rpm
3380xg

4*50ml syringe
4000rpm
3380xg

8*20ml syringe
4000rpm
3100xg

16*10ml syringe
4000rpm
3000xg

DD-RZ

Milk Fat Testing Centrifuge



Features & Advantages

- Microcomputer control, LCD & Digital display
- Variable frequency drive motor, maintenance free
- RCF can be set up directly.
- Stainless steel chamber.
- Automatic fault diagnosis, and can be programmed and operated.
- Import famous variable frequency controller, control speed accurately and be durable
- hot-typed model is optional.

Technique Parameter

Model number	DD-RZ
Max Speed	3300r/min
Max RCF	1920Xg
Max Capacity	8x30ml Gerber tube
Tube size	Φ25x215mm
Speed Accuracy	±10r/min
Timer Range	0~99H59min/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 10A
Dimension	650x650x800(L x W x H)mm
Weight	90kg
Power	1.1 KW

Rotor	Capacity	Max Speed	Max RCF
No.1 Fixed angle rotor	8X30ml Gerber Tube	1400 rpm	350Xg
No.2 Swing out rotor	4X50ml Pasteurized Tube	3300 rpm	1920Xg



YX-1850R

Rock Core Centrifuge

Used for core analysis experiments under various oil reservoir conditions, used to measure core wettability, relative permeability, capillary pressure, relative saturation, void radius and other parameters



Features

- Variable frequency motor, microcomputer control.
- LCD and digitally display.
- Automatically identify rotor to prevent it from overspeed.
- Automatically lock rotor, no need to use spanner.
- 40 levels of acceleration and deceleration. Can store 12 programs.
- Automatic fault diagnosis
- Imported compressor, CFC-free refrigerant. Double circuit control for refrigeration and heating, accurately control temperature.
- RCF can be set directly.
- Adopts imported famous brand variable frequency controller, which controls speed accurately and has long life.
- All-steel body to ensure safety.



Technique Parameters

Max Speed	18500 r/min
Max RCF	42000 Xg
Max Capillary Pressure	13.40 MPa
Max Capacity	4X1000ml (8000rpm)
Speed Accuracy	± 10 r/min
Temp Accuracy	± 1℃
Temp Range	-20℃ ~40℃
Time Range	1min~99H59min
Noise	≤65dB (A)
Power Supply	AC220V 50HZ 32A
Power	5KW
Dimension	850× 730× 930(L× W × H) mm
Weight	280 kg

DD-5Y

(Floor Standing)

Crude Oil Test Centrifuge

The oil test centrifuge is designed for determination of water and sediment in crude oil (centrifugal method). Water and sediments in crude oil are determined by centrifugal separation. It is an ideal separation equipment for water determination in oil-drilling industry and R&D institution. The machine use Variable frequency drive motor, microcomputer control and LCD display. It has the functions of heating and constant temperature and can meet the experimental requirements of sample for customers.

The operating parameters can be modified during operation.

Technical Parameter

Model number	DD-5Y
Max Speed	4000 r/min
Max RCF	3400 xg
Max Capacity	4x200ml
Speed Accuracy	±10r/min
Temp Range	Room temperature +10°C~70°C
Timer Range	0~99 H59s/inching
Noise	<60dB(A)
Power	AC 220V 50HZ 15A
Motor	Variable frequency drive motor
Dimension	650x650x850(LxWxH)mm
Weight	108 kg
Rotor	Swing-out Rotor
Power	1.5 KW

Rotors

Rotor	Capacity	Max Speed	Max RCF
NO.1 Swing-out Rotor	36x10ml	4000rpm	3400xg
NO.2 Swing-out Rotor	4x100ml	3000rpm	2062xg
NO.3 Swing-out Rotor	4x200ml	3000rpm	2000xg



TD-5G

Automatic Decap of Vacuum Blood Collection Tube Centrifuge



Features

- Variable frequency motor, accurately control speed.
- LCD display screen..
- All-steel body, stainless steel chamber
- Electronic lid lock to ensure safty.
- RCF can be set directly.
- Centrifugation and decap are completed at one time to avoid re-mixing after separation of samples

Parameters

Max Speed	5000r/min
Max RCF	5200Xg
Max Capacity	4X600ml
Speed Accuracy	± 10 r/min
Time Range	1min~9999min59s
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 10A
Dimension	550 × 450 × 365 (L × W × H)mm
Weight	45kg
Power	600 W

Rotor Data

Rotor	Capacity	Max Speed	Max RCF
No.1 Swing-out Rotor	4X250ml	5000rpm	5200Xg
No.2 Swing-out Rotor	32X7ml	4000rpm	3100Xg
No.3 Decap Rotor	56X7ml	4000rpm	3400Xg
No.4 Decap Rotor	80X7ml		



32 holes



56 holes



80 holes



LD-5G (Refrigerated)

Automatic Decap of Vacuum Blood Collection Tube Centrifuge



Features

- Variable frequency motor, accurately control speed.
- LCD and Digitally screen..
- All-steel body, stainless steel chamber
- Electronic lid lock to ensure safty.
- RCF can be set directly.
- 40 levels of acceleration and deceleration. Can store 12 programs.
- Centrifugation and decap are completed at one time to avoid re-mixing after separation of samples
- Adopts imported famous brand variable frequency controller, which controls speed accurately and has long life.
- Imported compressor, CFC-free refrigerants.

Parameters

Max Speed	5000r/min
Max RCF	5200Xg
Max Capacity	4X800ml
Speed Accuracy	± 10 r/min
Temp Accuracy	± 1℃
Temp Range	-20℃~40℃
Time Range	1min~99H59min/点动
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 15A
Dimension	650×550×840(L×W×H)mm
Weight	165kg
Power	1.8 KW

Rotor Data

Rotor	Capacity	Max Speed	Max RCF
No.1 Swing-out Rotor	4X250ml	5000rpm	5200Xg
No.2 Decap Rotor	80X7ml	4000rpm	3400Xg
No.3 Decap Rotor	120X7ml	4000rpm	3580Xg
No.4 Decap Rotor	140X7ml	4000rpm	3580Xg



80 holes



120 holes



140 holes



DD-5G Automatic Decap of Vacuum Blood Collection Tube Centrifuge



Features

- Variable frequency motor, accurately control speed.
- Touch screen. All parameters can be set by direct inputting numbers.
- All-steel body, stainless steel chamber
- Electronic lid lock to ensure safety.
- RCF can be set directly.
- 40 levels of acceleration and deceleration. Can store 12 programs.
- Centrifugation and decap are completed at one time to avoid re-mixing after separation of samples
- Adopts imported famous brand variable frequency controller, which controls speed accurately and has long life.

Parameters

Max Speed	5000r/min
Max RCF	5200Xg
Max Capacity	4X800ml
Speed Accuracy	± 10 r/min
Time Range	1min~99H59min/
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 15A
Dimension	680×620×840(L×W×H)mm
Weight	135kg
Power	1.2 KW

Rotor Data

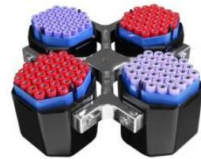
Rotor	Capacity	Max Speed	Max RCF
No.1 Swing-out Rotor	4X250ml	5000rpm	5200Xg
No.2 Decap Rotor	80X7ml	4000rpm	3400Xg
No.3 Decap Rotor	120X7ml	4000rpm	3580Xg
No.4 Decap Rotor	140X7ml	4000rpm	3580Xg



80 holes



120 holes



140 holes



DD-5G Biosafety Type

Automatic Decap of Vacuum

Blood Collection Tube Centrifuge



Features

- Variable frequency motor, accurately control speed.
- Touch screen. All parameters can be set by direct inputting numbers.
- All-steel body, stainless steel chamber
- Electronic lid lock to ensure safety.
- RCF can be set directly.
- 40 levels of acceleration and deceleration. Can store 12 programs.
- Centrifugation and decap are completed at one time to avoid re-mixing after separation of samples
- Adopts imported famous brand variable frequency controller, which controls speed accurately and has long life.
- With a unique primary, medium and high-efficiency filtration system, it can filter out the harmful gas generated after removing the cover in time, effectively avoiding cross-infection of samples and reducing the risk of infection.
- With UV sterilization function, independent switch control

Parameters

Max Speed	5000r/min
Max RCF	5200Xg
Max Capacity	4X800ml
Speed Accuracy	±10 r/min
Time Range	1min~99H59min/
Noise	≤60dB (A)
Power Supply	AC 220V 50HZ 15A
Dimension	680×620×840(L×W×H)mm
Weight	135kg
Power	1.2 KW

Rotor Data

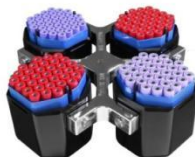
Rotor	Capacity	Max Speed	Max RCF
No.1 Swing-out Rotor	4X250ml	5000rpm	5200Xg
No.2 Decap Rotor	80X7ml	4000rpm	3400Xg
No.3 Decap Rotor	120X7ml	4000rpm	3580Xg
No.4 Decap Rotor	140X7ml	4000rpm	3580Xg



80 holes



120 holes



140 holes



Mini Portable Centrifuge



Features

- The machine material is high-strength engineering plastics
- Brushless motor, ultra-low noise, stable operation
- Digital Display. Closed loop control, real-time speed measurement, high speed accuracy
- Adjustable speed-up time to adapt to different experiments
- With electronic brake function, stop within 3 seconds, saving experiment time
- Speed 800rpm to the highest speed is adjustable
- Time from 1s to 99min59s is adjustable
- Adopt AC100-240V wide range power input
- Three-in-one rotor (8*1.5/2ml+6*0.5ml+2*8*0.2ml), no need to replace the rotor

Technique Parameters

Model	Mini-10K	Mini-7K	Mini-6K
Max Speed	10000rpm	7500rpm	6000rpm
Max RCF	6100Xg	3450Xg	2200Xg
Rotor	Three in one angle rotor:8*1.5ml+6*0.5ml+2*8*0.2ml		
Noise	≤57dB(A)	≤52dB(A)	≤52dB(A)
Timing Range	1s-99min59s		
Power Supply	AC 100-240V 50/60HZ		
Dimension	200*170*130mm		
Net weight	1.2kg		