SHUKE

ISO 13485:2016
ISO 9001:2015
CE FDA

2026





SHUKE CENTRIFUGE

We focus on centrifuge

SiChuan ShuKe Instrument Co.,Ltd

2026.09

Brief Introduction

Sichuan Shuke Instrument Co., Ltd.,national high-tech company with over 20 years experience,is a professional manufacture specializes in R&D,production and sale of laboratory centrifuge.

Our company has self-purchased office buildings and workshops of 7000 square meters, and has more than 20 professional senior engineers. Our products are widely used in agricultural science, bioengineering, food, chemical, pharmaceutical, clinical medicine, blood bank, animal husbandry, inspection, quarantine, disease control, environmental protection, water quality testing and other scientific research and production units

Our products have obtained a number of invention patents, and have been successfully selected into the National Good Instrument and the Top 100 National General Instruments and Meters

Company advantages

>Professional manufacturer
>With over 20 years experience
>Only focus on centrifuge
>Have the ability of R&D
>Good after-sales service
>ISO certified
>CE,FDA

Product advantages

>User-friendly operating system
>LCD touch screen
>Variable frequency motor
>Thick steel housing
>Stainless steel chamber
>RFID automatic rotor identification
>Three axis gyroscope imbalance sensor















Ventilated | Low speed|Benchtop > >



Model	TD-500
Max Speed	5000rpm
Max RCF	4416xg
Max Capacity	6x50ml
Angle rotor for	15/50ml
Swing out rotor for	15/50ml,blood tube
Page	1



Model	TD-600
Max Speed	6000rpm
Max RCF	4990xg
Max Capacity	6x50ml
Angle rotor for	15/50ml
Swing out rotor for	15/50ml,blood tube
Page	3



Model	TD-420
Max Speed	4200rpm
Max RCF	3116xg
Max Capacity	4x100ml
Angle rotor for	
Swing out rotor for	15/50/100ml
Page	5



Model	TD-5M
Max Speed	5000rpm
Max RCF	4499xg
Max Capacity	4x600ml
Angle rotor for	15/50ml
Swing out rotor for	1.5~500ml,microplate, blood tube
Page	7



Model	TD-6M
Max Speed	6000rpm
Max RCF	5433xg
Max Capacity	4x600ml
Angle rotor for	15/50ml
Swing out rotor for	1.5~500ml,microplate, blood tube
Page	12



Model	TD-5Z
Max Speed	5000rpm
Max RCF	4416xg
Max Capacity	4x300ml
Angle rotor for	
Swing out rotor for	15/50/100/250ml microplate,blood tube
Page	17



Model	TD-400
Max Speed	4200rpm
Max RCF	2680xg
Max Capacity	24x10ml blood tube
Angle rotor for	blood tube
Swing out rotor for	
Page	20



Model	TD-4Z
Max Speed	4200rpm
Max RCF	2680xg
Max Capacity	4x50ml
Angle rotor for	15/50ml,blood tube
Page	21



Model	Mini-6K/Mini-7K/Mini-10K
Max Speed	6000rpm/7500rpm/10000rpm
Max RCF	2200xg/3450xg/6100xg
Max Capacity	Three in one rotor:8x1.5ml+6x0.5ml+2x8x0.2ml
Angle rotor for	Rotor for 6x8x0.2ml(or 6 PCR strips)-6K/7K
Page	22

Ventilated | High speed|Benchtop > >





Model	H600	M15
Max Speed	20000rpm	15200rpm
Max RCF	26742xg	21697xg
Max Capacity	6x100ml	12x5ml
Angle rotor for	1.5/2/5/10/15/50/100ml blood tube/PCR strip	1.5/2/5ml PCR strip
Swing out rotor for	96 well plate/1.5ml/2ml/100ml	
Page	23	26





Model	TG-1850	H15S/H16S
Max Speed	18500rpm	15000rpm/16000rpm
Max RCF	24760xg	15093xg/18262xg
Max Capacity	4x500ml	8x5ml
Angle rotor for	1.5/2/5/10/15/50/100ml	1.5/2/5ml
Swing out rotor for	1.5~500ml,microplate, blood tube	
Page	28	33/34

Refrigerated | Low speed|Benchtop > >







Model	TDL-6M	TDL-5M	TDL-6
Max Speed	6000rpm	5000rpm	6000rpm
Max RCF	5433xg	4499xg	4990xg
Max Capacity	4x750ml	4x750ml	4x300ml
Temperature range	-20℃~+40℃	-20℃~+40℃	-20℃~+40℃
Angle rotor for	15/50ml		15/50ml
Swing out rotor for	1.5~750ml,microplate, blood tube	1.5~750ml,microplate, blood tube	15/50/100/250ml microplate,blood tube
Page	35	40	45

Refrigerated | High speed|Benchtop >>







Model	H1200R	H3000R	H5000R
Max Speed	18000rpm	18000rpm	18000rpm
Max RCF	30789xg	34412xg	34412xg
Max Capacity	4x300ml	4x750ml	4x1250ml
Temperature range	-20℃~+40℃	-20℃~+40℃	-20℃~+40℃
Angle rotor for	0.2~100ml	0.2~100ml	0.2~100ml
Swing out rotor for	1.5~250ml,microplate, blood tube	1.5~750ml,microplate, blood tube	1.5~1250ml,microplate, blood tube
Page	48	51	56







Model	TGL-23	TGL-21	TGL-19
Max Speed	23000rpm	21000rpm	19000rpm
Max RCF	35367xg	30246xg	29246xg
Max Capacity	4x750ml	4x750ml	4x500ml
Temperature range	-20℃~+40℃	-20℃~+40℃	-20℃~+40℃
Angle rotor for	1.5/2/5/10/15/50/100ml	1.5/2/5/10/15/50/100ml	1.5/2/5/10/15/50/100ml
Swing out rotor for	1.5~750ml,microplate, blood tube	1.5~750ml,microplate, blood tube	1.5~500ml,microplate, blood tube
Page	61	68	75







Model	TGL-17	TGL-1650	TGL-18
Max Speed	18500rpm	16500rpm	18000rpm
Max RCF	28917xg	24814xg	29684xg
Max Capacity	4x250ml	6x100ml	6x100ml
Temperature range	-20℃~+40℃	-20℃~+40℃	-20℃~+40℃
Angle rotor for	1.5/2/5/10/15/50/100ml	1.5/2/5/10/15/30/50/100ml,PCR strip	1.5/2/5/10/15/30/50/100ml,PCR strip
Swing out rotor for	10/15/50/250ml,microplate, blood tube		
Page	81	86	91







Model	TGL-20	TGL-22S	TGL-1850/TGL-2150
Max Speed	20000rpm	22000rpm	14000rpm/15000rpm
Max RCF	31405xg	33873xg	18845xg/21633xg
Max Capacity	6x100ml	6x100ml	12x5ml
Temperature range	-20℃~+40℃	-20℃~+40℃	-10℃~+40℃
Angle rotor for	1.5/2/5/10/15/30/50/100ml,PCR strip	1.5/2/5/10/15/30/50/100ml,PCR strip	1.5/2/5ml,PCR strip
Swing out rotor for			
Page	96	101	106/107

Ventilated | Low speed|Floorstanding > >





Model	DD-6000	DD-4000
Max Speed	6000rpm	4000rpm
Max RCF	5433xg	3580xg
Max Capacity	4x800ml	4x1000ml
Angle rotor for	15/50ml	
Swing out rotor for	1.5~800ml,microplate blood tube	15/50/250/500/1000ml blood tube
Page	108	113

Refrigerated | Low speed|Floorstanding > >









Model	LD-5M	LD-6	LD-6M	LD-8M
Max Speed	5000rpm	6000rpm	6000rpm	8000rpm
Max RCF	4499xg	6367xg	6367xg	14381xg
Max Capacity	4x800ml	4x1000ml/4 blood bags	6x1000ml/6 blood bags	6x2000ml/12 blood bags
Temperature range	-20℃~+40℃	-20℃~+40℃	-20℃~+40℃	-20℃~+40℃
Angle rotor for		10~500ml	10~500ml	500/1000ml
Swing out rotor for	1.5~800ml	2~1000ml, blood tube,blood bag	2~1000ml, blood tube,blood bag	2000ml blood tube,blood bag
Page	115	120	122	124

Refrigerated | High speed|Floorstanding > >









Model	LG-18	LG-22	LG-10M	LG-16M
Max Speed	18000rpm	22000rpm	10000rpm	16000rpm
Max RCF	30246xg	32358xg	18581xg	30395xg
Max Capacity	4x250ml	4x750ml	6x1000ml	6x500ml
Temperature range	-20℃~+40℃	-20℃~+40℃	-20℃~+40℃	-20℃~+40℃
Angle rotor for	1.5/2/5/10/15/50/100ml	1.5/2/5/10/15/50/100ml	10~1000ml	0.2~500ml
Swing out rotor for	2~250ml microplate,blood tube	2~750ml microplate,blood tube		2~750ml
Page	126	129	133	135







Model	LG-21M	LG-22M	LG-25M
Max Speed	21000rpm	22000rpm	25000rpm
Max RCF	47430xg	52054xg	65018xg
Max Capacity	6x500ml	6x1000ml	6x1000ml
Temperature range	-20℃~+40℃	-20℃~+40℃	-20℃~+40℃
Angle rotor for	0.2~500ml	0.2~1000ml	0.2~1000ml
Swing out rotor for	5/30/50ml microplate	50ml microplate	2~750ml
Page	138	141	144



Model	DD-5G
Max Speed	5000rpm
Max RCF	4499xg
Max Capacity	140xblood tube
Swing out rotor for	250ml blood tube
Page	148

SPECIAL APPLICATION CENTRIFUGE > >



TD-450
PRP centrifuge
Page 150



TD-550
Blood bank centrifuge
Page 151



TD-4M
Cyto centrifuge
Page 152



TD-4B
Cell wash centrifuge
Page 153



TD-4K
Gel card centrifuge
Page 154



YX-1850R
Rock core centrifuge
Page 155

Ventilated | Low speed | Benchtop



TD-500

Order No.:0101150000

The TD-500 offers exceptional user comfort and a choice of 6 rotors,including the most popular swing out rotors for 15ml and 50ml tube.It adopts intelligent LCD touch screen, easily operate with gloves.Thanks to the strong operation system,it supports the multi-stage centrifugation and can store up to 1000 programs.

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories,can be exported via USB
>up to 40 rates acceleration and deceleration
>up to 5 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment

LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>RPM and RCF covert automatically
>User can set parameters even with glove
>User can reset parameters when rotor is spinning

Ensure safety

>Microprocessor control
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Software to prevent overspeed

Good components

>Motor: Brushless variable frequency motor.
stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel.
anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

Max Speed	5000rpm
Max RCF	4416xg
Max Capacity	6x50ml
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	≤65dB(A)
Voltage	220v
Power Consumption	500w
Dimension(WxDxH)	400x495x320mm
Weight	27kg

AVAILABLE ROTORS

Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×15ml	0494500300	5000rpm/3465×g	12×1×2ml	1102010001/blood tube 1102010008/micro tube
				12×1×7ml blood tube	1102010002
				12×1×10ml blood tube	1102010003
	6×50ml	0494500400	5000rpm/3158×g	6×1×5ml	1102020001
				6×1×10ml	1102020002
				6×1×10ml glass tube	1102020006
				6×1×15ml conical tube	1102020003
				6×1×30ml	1102020004

Swing out rotor

Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495030720	 Capacity: 8×15ml Order No.: 0495030810	0495030800	5000rpm/4416×g	8×1×2ml	1102010008
				8×1×2ml blood tube	1102010001
				8×1×7ml blood tube	1102010002
				8×1×10ml blood tube	1102010003
	 Capacity: 16×15ml Order No.: 0495030910	0495030900	5000rpm/4416×g	16×1×2ml	1102010008
				16×1×2ml blood tube	1102010001
				16×1×7ml blood tube	1102010002
				16×1×10ml blood tube	1102010003
	 Capacity: 4×50ml Order No.: 0495030310	0495030300	4000rpm/2826×g	4×1×5ml	1102020001
				4×1×10ml	1102020002 1102020006/glass tube
				4×1×15ml conical tube	1102020003
				4×1×30ml	1102020004
	 Capacity: 24×7ml blood tube Order No.: 0495030710	0495030700	5000rpm/4416×g	/	/

Ventilated | Low speed | Benchtop

TD-600



Order No.:0101200000

The TD-600 offers exceptional user comfort and a choice of 6 rotors,including the most popular swing out rotors for 15ml and 50ml tube.It adopts intelligent LCD touch screen, easily operate with gloves.Thanks to the strong operation system,it supports the multi-stage centrifugation and can store up to 1000 programs.

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories,can be exported via USB
>up to 40 rates acceleration and deceleration
>up to 5 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment

LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>RPM and RCF covert automatically
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning

Ensure safety

>Microprocessor control
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Software to prevent overspeed

Good components

>Motor: Brushless variable frequency motor.
stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel.
anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

Max Speed	6000rpm
Max RCF	4990xg
Max Capacity	6x50ml
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	≤65dB(A)
Voltage	220v
Power Consumption	500w
Dimension(WxDxH)	400x495x320mm
Weight	27kg

AVAILABLE ROTORS

Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×15ml	0494500300	6000rpm/4990×g	12×1×2ml	1102010001/blood tube 1102010008/micro tube
				12×1×7ml blood tube	1102010002
				12×1×10ml blood tube	1102010003
	6×50ml	0494500400	6000rpm/4548×g	6×1×5ml	1102020001
				6×1×10ml	1102020002
				6×1×10ml glass tube	1102020006
				6×1×15ml conical tube	1102020003
				6×1×30ml	1102020004

Swing out rotor

Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495030720	 Capacity: 8×15ml Order No.: 0495030810	0495030800	5000rpm/4416×g	8×1×2ml	1102010008
				8×1×2ml blood tube	1102010001
				8×1×7ml blood tube	1102010002
				8×1×10ml blood tube	1102010003
	 Capacity: 16×15ml Order No.: 0495030910	0495030900	5000rpm/4416×g	16×1×2ml	1102010008
				16×1×2ml blood tube	1102010001
				16×1×7ml blood tube	1102010002
				16×1×10ml blood tube	1102010003
	 Capacity: 4×50ml Order No.: 0495030310	0495030300	4000rpm/2826×g	4×1×5ml	1102020001
				4×1×10ml	1102020002 1102020006/glass tube
				4×1×15ml conical tube	1102020003
				4×1×30ml	1102020004
	 Capacity: 24×7ml blood tube Order No.: 0495030710	0495030700	5000rpm/4416×g	/	/

Ventilated | Low speed | Benchtop



TD-420

Order No.:0101060000

The TD-420 offers exceptional user comfort and a choice of 4 rotors,including the most popular swing out rotors for 15ml and 50ml tube.It adopts intelligent LCD touch screen, easily operate with gloves.Thanks to the strong operation system,it supports the multi-stage centrifugation and can store up to 1000 programs.

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories,can be exported via USB
>up to 40 rates acceleration and deceleration
>up to 5 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment

LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>RPM and RCF covert automatically
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning

Ensure safety

>Microprocessor control
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Software to prevent overspeed

Good components

>Motor: Brushless variable frequency motor.
stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel.
anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

Max Speed	4200rpm
Max RCF	3116xg
Max Capacity	4x100ml
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	≤65dB(A)
Voltage	220v
Power Consumption	500w
Dimension(WxDxH)	400x495x320mm
Weight	27kg

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 1003030001	 Capacity: 16×15ml Order No.: 0495030910	0495030900	4200rpm/3116×g	16×1×2ml	1102010008
				16×1×2ml blood tube	1102010001
				16×1×7ml blood tube	1102010002
				16×1×10ml blood tube	1102010003
	 Capacity: 4×50ml Order No.: 0495030310	0495030300	4200rpm/3116×g	4×1×5ml	1102020001
				4×1×10ml	1102020002 1102020006/glass tube
				4×1×15ml conical tube	1102020003
				4×1×30ml	1102020004
	 Capacity: 8×50ml Order No.: 0495030410	0495031200	4200rpm/3116×g	8×1×5ml	1102020001
				8×1×10ml	1102020002 1102020006/glass tube
				8×1×15ml conical tube	1102020003
				8×1×30ml	1102020004
	 Capacity: 4×100ml Order No.: 0495030510	0495030500	4200rpm/3116×g	4×4×2ml frozen storage tube	1102030009
				4×3×2ml	1102030010
				4×1×5ml	1102030001
				4×1×10ml	1102030002
				4×1×15ml conical tube	1102030003
				4×1×30ml	1102030004
				4×1×50ml	1102030005/round tube 1102030006/conical tube

Ventilated | Low speed | Benchtop

TD-5M



Order No.:0101500000

TD-5M is a non-refrigerated large capacity centrifuge with a maximum capacity of 2L, which suitable with 0.2ml-500ml tube/bottle,standard blood tube and microplate.Also provide the rotor with biosafety cap for choice,can meet different centrifugal requirements.

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 5000 run histories,can be exported via USB
>up to 40 rates acceleration and deceleration
>up to 100 multi-step programs,each with 10 steps
>Can set turn on and turn off time
>Centrifugal radius can be corrected
>Support short spin and continuous running

LCD touch screen

>7" screen simply and clearly to show all parameters
>Touch screen,easy to set parameters
>RPM/RCF can be set directly
>RPM and RCF covert automatically
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning

Ensure safety

>Microprocessor control
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>User management with operation permission
>Imbalance detection by three axis gyroscope

Good components

>Motor: Brushless variable frequency motor.
stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel.
anticorrosion and easy to clean
>Rotor: Strong metal rotor
>Rotors are autoclavable

TECHNICAL DATA

Max Speed	5000rpm
Max RCF	4499xg
Max Capacity	4x600ml
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	⩽60dB(A)
Voltage	220v
Power Consumption	900w
Dimension(WxDxH)	460x548x374mm
Weight	57kg

AVAILABLE ROTORS

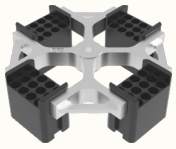
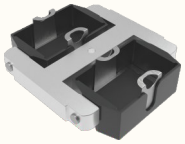
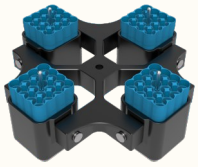
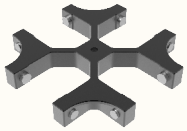
Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×100ml	0495030500	5000rpm/4379×g	4×3×2ml	1102030010
				4×4×2ml frozen storage tube	1102030009
				4×1×5ml	1102030001
				4×1×10ml	1102030002
				4×1×15ml conical tube	1102030003
				4×1×30ml	1102030004
				4×1×50ml	1102030005/round tube 1102030006/conical tube
 Order No.: 0495150520	 Capacity: 32×15ml Order No.: 0495031110	0495031100	4000rpm/3094×g	32×1×2ml	1102010008
				32×1×2ml blood tube	1102010001
				32×1×7ml blood tube	1102010002
				32×1×10ml blood tube	1102010003
	 Capacity: 8×50ml Order No.: 0495030410	0495030400	4000rpm/3094×g	8×1×5ml	1102020001
				8×1×10ml	1102020002
				8×1×10ml glass tube	1102020006
				8×1×15ml conical tube	1102020003
				8×1×30ml	1102020004
	 Capacity: 8×100ml Order No.: 0495030610	0495030600	4000rpm/3094×g	8×4×2ml frozen storage tube	1102030009
				8×3×2ml	1102030010
				8×1×5ml	1102030001
				8×1×10ml	1102030002
				8×1×15ml conical tube	1102030003
				8×1×30ml	1102030004
				8×1×50ml	1102030005/round tube 1102030006/conical tube

AVAILABLE ROTORS

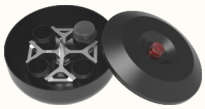
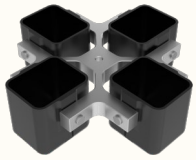
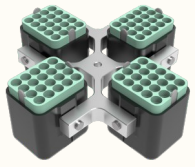
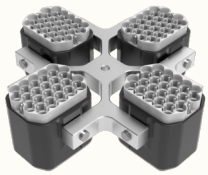
Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×15ml	0494500300	5000rpm/3465×g	12×1×2ml	1102010001/blood tube 1102010008/micro tube
				12×1×7ml blood tube	1102010002
				12×1×10ml blood tube	1102010003
	6×50ml	0494500400	5000rpm/3158×g	6×1×5ml	1102020001
				6×1×10ml	1102020002
				6×1×10ml glass tube	1102020006
				6×1×15ml conical tube	1102020003
				6×1×30ml	1102020004

Swing out rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 48×2~7ml blood tube	0495180200	4000rpm/2788×g	/	/
	Capacity: 2×3×96 well (micro plate)	0495010700	4500rpm/2716×g	2×24×1.5/2ml	1102040001
	Capacity: 64×2~7ml blood tube decap	0495180800	4200rpm/3332×g	/	/
 Order No.: 0495050110	 Capacity: 4×300ml Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495050100	4200rpm/3332×g	4×15×1.5/2ml	0497012600
				4x12x5ml	1102060011
				4×16×7ml blood tube	0497011700
				4x10x10ml	1102060012
				4x9x10ml blood tube	1102060013
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	1102060005
	 Capacity: 4x250ml conical bottle Order No.:1004010017	0495040900	4200rpm/3332×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×250ml	0495040800	5000rpm/4499×g	4×8×2ml	0497011900
				4×8×2ml frozen storage tube	0497012300
				4×8×5ml	0497012400
				4×5×5ml conical tube	0497012000
				4×10×7ml blood tube	0497012200
				4×9×10ml	1102050014
				4×5×15ml conical tube	0497012100
				4×2×30ml glass tube	1102050012
				4×2×50ml	1102050004
				4×1×100ml	1102050006
	Capacity: 4×600ml Note: No suitable bottle,must choose adaptor	0495020200	4000rpm/3184×g	4×18×10ml	0497013600
				4×12×15ml conical tube	0497013700
				4×5×50ml conical tube	0497013800
	Capacity: 80×2~7ml blood tube decap	0495070100	4000rpm/3184×g	/	/
	Capacity: 108×2~7ml blood tube decap	0495070200	4000rpm/3184×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495180610	 Capacity: 4×500ml Order No.: 1006010009 (without lid) Aerosol tight lid Order No.: 0495061110 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495060100 (without lid) 0495061200 (with lid)	4000rpm/3221×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	1102070007
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×100ml	1102070005
				4×1×250ml	1102070006
	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495060200	4000rpm/3221×g	4×25×2ml	0497013200
				4×25×2ml frozen storage tube	0497013500
				4×22×5ml	0497013300
				4×28×7ml blood tube	0497010100
				4×20×10ml blood tube	1102080003
				4×10×15ml conical tube	0497010500
				4×6×30ml	0497013400
				4×5×50ml conical tube	0497010600
				4×2×100ml	1102080006
				4×1×250ml	1102080007
	 Capacity: 4×2×96 well (micro plate) Order No.: 0495060610	0495060300	4000rpm/3221×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.: 0495180720	0495180600	4000rpm/3221×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.: 0496061010	0495060900	4000rpm/3221×g	/	/

Ventilated | Low speed | Benchtop

TD-6M



Order No.:0101490000

TD-6M is a non-refrigerated large capacity centrifuge with a maximum capacity of 2L, which suitable with 0.2ml-500ml tube/bottle,standard blood tube and microplate.Also provide the rotor with biosafety cap for choice,can meet different centrifugal requirements.

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 5000 run histories,can be exported via USB
>up to 40 rates acceleration and deceleration
>up to 100 multi-step programs,each with 10 steps
>Can set turn on and turn off time
>Centrifugal radius can be corrected
>Support short spin and continuous running

LCD touch screen

>7" screen simply and clearly to show all parameters
>Touch screen,easy to set parameters
>RPM/RCF can be set directly
>RPM and RCF covert automatically
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning

Ensure safety

>Microprocessor control
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>User management with operation permission
>Imbalance detection by three axis gyroscope

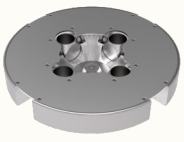
Good components

>Motor: Brushless variable frequency motor.
stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel.
anticorrosion and easy to clean
>Rotor: Strong metal rotor
>Rotors are autoclavable

TECHNICAL DATA

Max Speed	6000rpm
Max RCF	5433xg
Max Capacity	4x600ml
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	⩽60dB(A)
Voltage	220v
Power Consumption	900w
Dimension(WxDxH)	460x548x374mm
Weight	57kg

AVAILABLE ROTORS

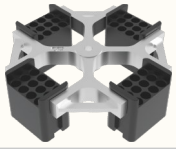
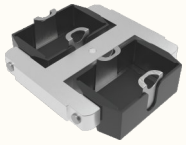
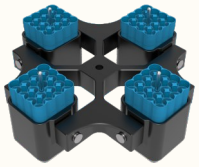
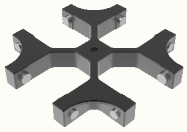
Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×100ml	0495030500	5000rpm/4379×g	4×3×2ml	1102030010
				4×4×2ml frozen storage tube	1102030009
				4×1×5ml	1102030001
				4×1×10ml	1102030002
				4×1×15ml conical tube	1102030003
				4×1×30ml	1102030004
				4×1×50ml	1102030005/round tube 1102030006/conical tube
 Order No.: 0495150520	 Capacity: 32×15ml Order No.: 0495031110	0495031100	4000rpm/3094×g	32×1×2ml	1102010008
				32×1×2ml blood tube	1102010001
				32×1×7ml blood tube	1102010002
				32×1×10ml blood tube	1102010003
	 Capacity: 8×50ml Order No.: 0495030410	0495030400	4000rpm/3094×g	8×1×5ml	1102020001
				8×1×10ml	1102020002
				8×1×10ml glass tube	1102020006
				8×1×15ml conical tube	1102020003
				8×1×30ml	1102020004
	 Capacity: 8×100ml Order No.: 0495030610	0495030600	4000rpm/3094×g	8×4×2ml frozen storage tube	1102030009
				8×3×2ml	1102030010
				8×1×5ml	1102030001
				8×1×10ml	1102030002
				8×1×15ml conical tube	1102030003
				8×1×30ml	1102030004
				8×1×50ml	1102030005/round tube 1102030006/conical tube
	Capacity: 4×50ml	0495021100	6000rpm/5433×g	4x1x15ml conical tube	1101070001

AVAILABLE ROTORS

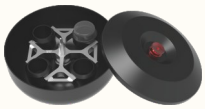
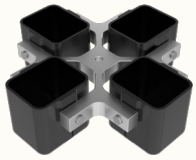
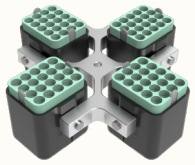
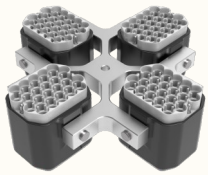
Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×15ml	0494500300	6000rpm/4990×g	12×1×2ml	1102010001/blood tube 1102010008/micro tube
				12×1×7ml blood tube	1102010002
				12×1×10ml blood tube	1102010003
	6×50ml	0494500400	6000rpm/4548×g	6×1×5ml	1102020001
				6×1×10ml	1102020002
				6×1×10ml glass tube	1102020006
				6×1×15ml conical tube	1102020003
				6×1×30ml	1102020004

Swing out rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 48×2~7ml blood tube	0495180200	4000rpm/2788×g	/	/
	Capacity: 2×3×96 well (micro plate)	0495010700	4500rpm/2716×g	2×24×1.5/2ml	1102040001
	Capacity: 64×2~7ml blood tube decap	0495180800	4200rpm/3332×g	/	/
 Order No.: 0495050110	 Capacity: 4×300ml Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495050100	4200rpm/3332×g	4×15×1.5/2ml	0497012600
				4x12x5ml	1102060011
				4×16×7ml blood tube	0497011700
				4x10x10ml	1102060012
				4x9x10ml blood tube	1102060013
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	1102060005
	 Capacity: 4x250ml conical bottle Order No.:1004010017	0495040900	4200rpm/3332×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×250ml	0495040800	5000rpm/4499×g	4×8×2ml	0497011900
				4×8×2ml frozen storage tube	0497012300
				4×8×5ml	0497012400
				4×5×5ml conical tube	0497012000
				4×10×7ml blood tube	0497012200
				4×9×10ml	1102050014
				4×5×15ml conical tube	0497012100
				4×2×30ml glass tube	1102050012
				4×2×50ml	1102050004
				4×1×100ml	1102050006
	Capacity: 4×600ml Note: No suitable bottle,must choose adaptor	0495020200	4000rpm/3184×g	4×18×10ml	0497013600
				4×12×15ml conical tube	0497013700
				4×5×50ml conical tube	0497013800
	Capacity: 80×2~7ml blood tube decap	0495070100	4000rpm/3184×g	/	/
	Capacity: 108×2~7ml blood tube decap	0495070200	4000rpm/3184×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495180610	 Capacity: 4×500ml Order No.: 1006010009 (without lid) Aerosol tight lid Order No.: 0495061110 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495060100 (without lid) 0495061200 (with lid)	4000rpm/3221×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	1102070007
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×100ml	1102070005
				4×1×250ml	1102070006
	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495060200	4000rpm/3221×g	4×25×2ml	0497013200
				4×25×2ml frozen storage tube	0497013500
				4×22×5ml	0497013300
				4×28×7ml blood tube	0497010100
				4×20×10ml blood tube	1102080003
				4×10×15ml conical tube	0497010500
				4×6×30ml	0497013400
				4×5×50ml conical tube	0497010600
				4×2×100ml	1102080006
				4×1×250ml	1102080007
	 Capacity: 4×2×96 well (micro plate) Order No.: 0495060610	0495060300	4000rpm/3221×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.: 0495180720	0495180600	4000rpm/3221×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.: 0496061010	0495060900	4000rpm/3221×g	/	/

Ventilated | Low speed | Benchtop



TD-5Z

Order No.:0101090000

TD-5Z can be equipped with various swing out rotors for 15ml to 250ml centrifuge tubes/bottle, vacuum blood collection tube and 96 well plate. One machine with multiple functions, can meet a variety of low speed centrifugal needs.

FEATURES

User-friendly functions

>up to 100 user-defined programs
>up to 20 rates acceleration and deceleration
>up to 99h59m59s timer range
>up to 5 stages multi-stage centrifugation mode available
>LED screen shows important parameters
>RCF can be set directly
>Water-proof touch key pad,each parameter has corresponding button to set
>User can reset parameters when rotor is spinning



Ensure safety

>Microprocessor control
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release



Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: Food grade 304 stainless steel. anticorrosion and easy to clean
>Rotor: Stainless steel/steel swing out rotor.
>Rotors are autoclavable

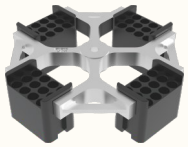
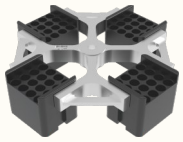
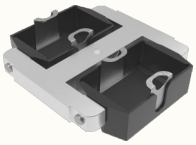
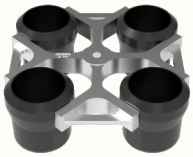
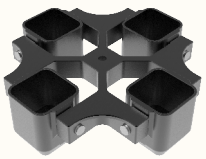
TECHNICAL DATA

Max Speed	5000rpm	Noise	≤65dB(A)
Max RCF	4416xg	Voltage	220v
Max Capacity	4x300ml	Power Consumption	500w
Speed Accuracy	±10rpm	Dimension(WxDXH)	430x550x355mm
Time Setting	1s ~ 99h59m59s/Pulse	Weight	39kg

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495030720	 Capacity: 4×50ml Order No.: 0495030310	0495030300	5000rpm/4416×g	4×1×5ml	1102020001
				4×1×10ml	1102020002
				4×1×15ml conical tube	1102020003
				4×1×30ml	1102020004
				4×1×10ml glass tube	1102020006
	 Capacity: 4×100ml Order No.: 0495030510	0495030500	5000rpm/4416×g	4×3×2ml	1102030010
				4×4×2ml frozen storage tube	1102030009
				4×1×5ml	1102030001
				4×1×10ml	1102030002
				4×1×15ml conical tube	1102030003
				4×1×30ml	1102030004
				4×1×50ml	1102030005/round tube 1102030006/conical tube
 Order No.: 0495150520	 Capacity: 24×15ml Order No.: 0495031010	0495031000	4000rpm/3094×g	24×1×2ml	1102010008
				24×1×2ml blood tube	1102010001
				24×1×7ml blood tube	1102010002
				24×1×10ml blood tube	1102010003
	 Capacity: 32×15ml Order No.: 0495031110	0495031100	4000rpm/3094×g	32×1×2ml	1102010008
				32×1×2ml blood tube	1102010001
				32×1×7ml blood tube	1102010002
				32×1×10ml blood tube	1102010003
	 Capacity: 8×50ml Order No.: 0495030410	0495030400	4000rpm/3094×g	8×1×5ml	1102020001
				8×1×10ml	1102020002
				8×1×10ml glass tube	1102020006
				8×1×15ml conical tube	1102020003
				8×1×30ml	1102020004
	 Capacity: 8×100ml Order No.: 0495030610	0495030600	4000rpm/3094×g	8×4×2ml frozen storage tube	1102030009
				8×3×2ml	1102030010
				8×1×5ml	1102030001
				8×1×10ml	1102030002
				8×1×15ml conical tube	1102030003
				8×1×30ml	1102030004
				8×1×50ml	1102030005/round tube 1102030006/conical tube

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 48×2~7ml blood tube	0495180200	4100rpm/3025×g	/	/
	Capacity: 64×2~7ml blood tube	0495180300	4100rpm/3025×g	/	/
	Capacity: 2×3×96 well (micro plate)	0495010700	4300rpm/2480×g	2×24×1.5/2ml	1102040001
	Capacity: 4×250ml	0495040100	4100rpm/3025×g	4×8×2ml	0497011900
				4×8×2ml frozen storage tube	0497012300
				4×8×5ml	0497012400
				4×5×5ml conical tube	0497012000
				4×10×7ml blood tube	0497012200
				4×9×10ml	1102050014
				4×5×15ml conical tube	0497012100
				4×2×30ml glass tube	1102050012
				4×2×50ml	1102050004
				4×1×100ml	1102050006
	Capacity: 4×300ml Note: No suitable bottle,must choose adaptor	0495050100	4000rpm/3023×g	4×15×1.5/2ml	0497012600
				4x12x5ml	1102060011
				4×16×2~7ml blood tube	0497011700
				4x10x10ml	1102060012
				4x9x10ml blood tube	1102060013
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	1102060005

Ventilated | Low speed | Benchtop

TD-400

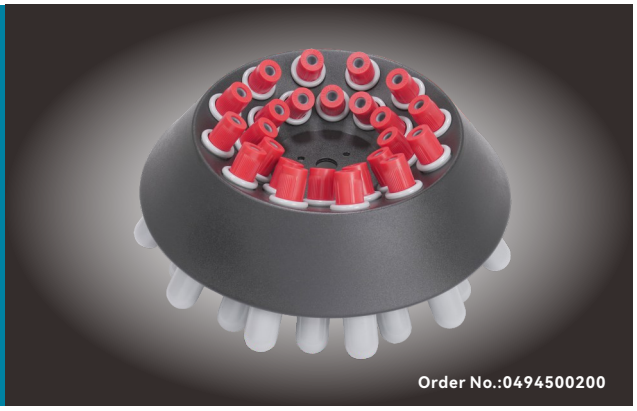


Order No.:0101020000

The TD-400 is a small centrifuge with a fixed angle rotor that has been developed specifically for use in clinical settings. It can centrifuge 24 blood tubes up to 10 ml in volume at a maximum speed of 4,200 RPM / 2,680 RCF.

Features

>LED screen shows RPM/RCF and Time
>RCF can be set directly
>1min to 99min timer range
>User can reset parameters when rotor is spinning
>Variable frequency motor drive
>Electronic door lock to ensure safety
>Steel housing;304 stainless steel chamber
>Autoclavable aluminum alloy fixed angle rotor
>Compatible with 13mm and 16mm blood tubes
>Can run 24 tubes at a time



Order No.:0494500200

TECHNICAL DATA

Model	TD-400
Max Speed	4200rpm
Max RCF	2680xg
Max Capacity	24x10ml blood tube
Speed Accuracy	±20rpm
Time Setting	1min ～ 99min
Noise	⩽60dB(A)
Power Consumption	250w
Dimension(WxDXH)	300x375x260mm
Weight	17kg

Ventilated | Low speed | Benchtop



TD-4Z

Order No.:0101010000

The TD-4Z is a practical centrifuge for small laboratories and clinics.
Standard fixed angle rotor 12x20ml is included to hold various blood tube and 15ml tube

Features

>LED screen shows RPM/RCF and Time
>RCF can be set directly
>1min to 99min timer range
>User can reset parameters when rotor is spinning
>Variable frequency motor drive
>Electronic lid lock to ensure safety
>Steel housing;304 stainless steel chamber
>Autoclavable aluminum alloy fixed angle rotor
>Compatible with blood tube and 15ml tube
>Can run 12 tubes at a time



Order No.:0494500100



Order No.:0494500100



Order No.:0494501200

TECHNICAL DATA

Model	TD-4Z
Max Speed	4200rpm
Max RCF	2680xg
Capacity	4x50ml;12x15ml tube/ blood tube
Speed Accuracy	±20rpm
Time Setting	1min ～ 99min
Noise	⩽55dB(A)
Power Consumption	200w
Dimension(WxDxH)	340x440x290mm
Weight	19kg

Mini | Portable | Ventilated

Mini-6K/7K/10K



Order No.:0101350000(Mini-6K)
Order No.:0101360000(Mini-7K)
Order No.:0102180000(Mini-10K)

Features

>Compact design, light weight
>Adjustable run time,1s-99m59s
>800rpm to highest rpm is adjustable
>Automatically stop spinning when lid is open
>BLDC motor drive, stable and low noise
>Can stop spin in 3 seconds, saving experiment time
>Wide range power input:100v to 240v
>Three-in-one rotor:8x1.5/2ml+6x0.5ml+2x8x0.2ml
no need to change rotor
>Optional rotor for 6 PCR strips



Order No.:0494010100



Order No.:0494010400

TECHNICAL DATA

Model	Mini-6K/Mini-7K/Mini-10K
Max Speed	6000rpm/7500rpm/10000rpm
Max RCF	2200xg/3450xg/6100xg
Capacity	Three in one rotor:8x1.5/2ml+6x0.5ml+2x8x0.2ml Rotor for 6 PCR strips(Mini-6k,Mini-7k)
Time Setting	1s ～ 99min59s
Noise	≤52dB(A)/≤52dB(A)/≤57dB(A)
Power Supply	AC 100-240V 50/60HZ
Dimension	200x170x130mm
Weight	1.2kg

Ventilated | High speed | Benchtop

H600



Order No.:0102110100

FEATURES

User-friendly functions

>up to 1000 user-defined programs,support setting name and password
>up to 5000 run histories, 130000 operation logs, support data filtering, can be exported via USB as PDF/CSV file
>up to 40 rates acceleration and deceleration,two deceleration modes: uniform and differential to meet various centrifugation needs
>up to 100 multi-step centrifugation programs,each with 10 steps
>up to 99h59m59s timer range, 1s increment.
>Two timing modes: when reach set speed/when start running
>Reservation:can reserve turn on and turn off time
>Self-priming door lock,easy to close the door
>Centrifugal radius can be corrected for actual RCF

LCD touch screen

>7" screen clearly to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>RPM and RCF covert automatically
>User can set parameters even with glove
>User can reset parameters during spinning
>Independent button for short spin

Ensure safety

>Automatic rotor identification by RFID,identify rotor capacity without running and can record rotor life
>Imbalance detection by six axis gyroscope,monitoring imbalance in the whole process and automatic stop.
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management:name,password and permission allocation
>Various protections to ensure safe centrifugation

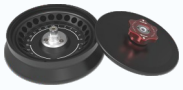
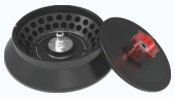
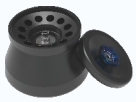
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Metal swing out rotor.
>Rotors are autoclavable

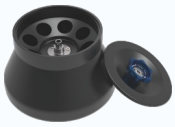
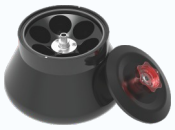
TECHNICAL DATA

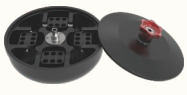
Model	H600
Max Speed	20000rpm
Max RCF	26742xg
Max Capacity	6x100ml
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s/short spin/continuous
Noise	Swing out rotor≤62dB(A);Angle rotor≤58dB(A)
Voltage	220v
Power Consumption	1200VA
Dimension(WxDxH)	455x360x315mm
Weight	32kg

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020300	20000rpm/26742×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494021200	16000rpm/24327×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	48×1.5/2ml aerosol tight	0494021300	13000rpm/18138×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	16×5ml round bottom aerosol tight	0494030600	15000rpm/21381×g	12×1×1.8ml frozen storage tube	1101020002
				12×1×2ml frozen storage tube	1101020004
				12×1×2ml	1101020001
	12×10ml round bottom aerosol tight	0494040600	14000rpm/17267×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	12×15ml conical bottom aerosol tight	0494050500	13000rpm/17231×g	12×1×5ml	1101040001
				12×1×10ml	1101040002
	6×50/15ml conical bottom aerosol tight	0494072200	12000rpm/17065×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	1101070012
				6×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				6×1×15ml	1101070001/conical tube
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	8×50ml conical bottom aerosol tight	0494071400	11000rpm/13879×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	1101070012
				8×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				8×1×15ml	1101070001/conical tube
				8×1×25ml	1101070010
				8×1×50ml round tube	1101070002
	6×100ml round bottom aerosol tight	0494080600	10000rpm/11258×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube
	8×8×0.2ml PCR strip	0494010700	15000rpm/18614×g	/	/
	12x10ml blood tube	0494501900	5000rpm/3186×g	/	/

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2x96 well plate	0495010600	4200rpm/1972×g	/	/
	Capacity: 24x1.5/2ml (aerosol tight)	0495210100	12000rpm/13845×g	/	/
	Capacity: 4x100ml	0495220100	4500rpm/3078×g	4×1×10ml	1101080009
				4x1x15ml conical bottom	1101080002
				4x1x50ml conical bottom	1101080005

Ventilated | High speed | Benchtop



M15

Order No.:0102020100

FEATURES

User-friendly functions

>up to 1000 user-defined programs,support setting name and password
>up to 5000 run histories, 130000 operation logs, support data filtering, can be exported via USB as PDF/CSV file
>up to 40 rates acceleration and deceleration,two deceleration modes: uniform and differential to meet various centrifugation needs
>up to 100 multi-step centrifugation programs,each with 10 steps
>up to 99h59m59s timer range, 1s increment.
>Two timing modes: when reach set speed/when start running
>Reservation:can reserve turn on and turn off time
>Self-priming door lock,easy to close the door
>Centrifugal radius can be corrected for actual RCF

LCD touch screen

>7" screen clearly to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>RPM and RCF covert automatically
>User can set parameters even with glove
>User can reset parameters during spinning
>Independent button for short spin

Ensure safety

>Automatic rotor identification by RFID,identify rotor capacity without running and can record rotor life
>Imbalance detection by six axis gyroscope,monitoring imbalance in the whole process and automatic stop.
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management:name,password and permission allocation
>Various protections to ensure safe centrifugation

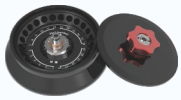
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
>Rotors are autoclavable

TECHNICAL DATA

Model	M15
Max Speed	15200rpm
Max RCF	21697xg
Max Capacity	12x5ml
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s/short spin/continuous
Noise	⩽58dB(A)
Voltage	220v
Power Consumption	800VA
Dimension(WxDxH)	300x360x270mm
Weight	19kg

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	24×1.5/2ml aerosol tight	0494021100	15200rpm/21697×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	12×5ml round bottom aerosol tight	0494030500	14500rpm/19980×g	12×1×1.8ml frozen storage tube	1101020002
				12×1×2ml frozen storage tube	1101020004
				12×1×2ml	1101020001
	8×8×0.2ml PCR strip aerosol tight	0494010900	15200rpm/18856×g	/	/

Ventilated | High speed | Benchtop



TG-1850

Order No.:0102090000

This benchtop centrifuge has been developed for large sample volumes. It has swing out rotors and fixed angle rotors, swing out rotors has a maximum capacity of 4 x 500 ml bottles, 112 blood tubes, 4x2x96 well plates or 40 x 15 ml conical tubes, fixed angle rotors can run 0.2ml to 100ml.

FEATURES

User-friendly functions

>12 user-defined programs
>19 rates acceleration and deceleration
>1s to 9999min59s timer range
>LCD screen shows all parameters simply and clearly
>RCF can be set directly
>RPM and RCF covert automatically
>User can reset parameters when rotor is spinning



Ensure safety

>Automatic rotor recognition to prevent overspeed
>Imbalance detection by three axis gyroscope
>Microprocessor control
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release



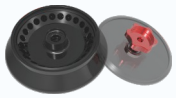
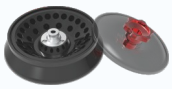
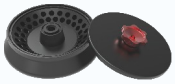
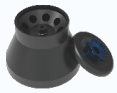
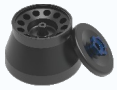
Good components

>Motor: Brushless variable frequency motor.
stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: Food grade 304 stainless steel.
anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

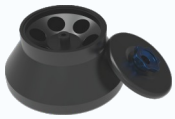
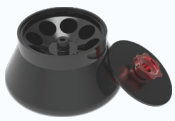
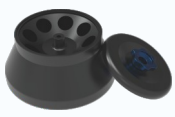
TECHNICAL DATA

Max Speed	18500rpm	Noise	≤65dB(A)
Max RCF	24760xg	Voltage	220v
Max Capacity	4x500ml	Power Consumption	750w
Speed Accuracy	±10rpm	Dimension(WxDxH)	450x550x390mm
Time setting	1s ～ 9999m59s	Weight	49kg

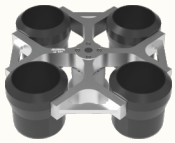
AVAILABLE ROTORS

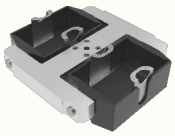
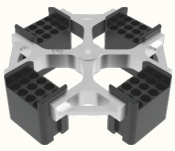
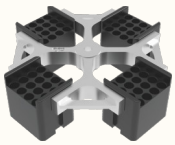
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020200	18500rpm/23800×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml	0494020600	15000rpm/21630×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494020500	16000rpm/24760×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	36×1.5/2ml	0494020800	13000rpm/15620×g	36×1×0.2ml	1101010001
				36×1×0.5ml	1101010002
	48×1.5/2ml	0494020900	12000rpm/15970×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	12×5ml round bottom	0494030200	15000rpm/18270×g	12×1×1.8ml frozen storage tube	1101020002
				12×1×2ml frozen storage tube	1101020004
				12×1×2ml	1101020001
	12×10ml round bottom	0494040200	13000rpm/15620×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	8×15ml conical bottom	0494050100	13000rpm/15620×g	8×1×5ml	1101040001
				8×1×10ml	1101040002
	12×15ml conical bottom	0494050200	10000rpm/10640×g	12×1×5ml	1101040001
				12×1×10ml	1101040002
	4×100ml round bottom	0494080100	10000rpm/10640×g	4×1×5ml	1101080007
				4×1×10ml	1101080001
				4×1×15ml conical tube	1101080002
				4×1×30ml	1101080003
				4×1×50ml	1101080005/conical tube 1101080004/round tube
	6×100ml round bottom	0494080200	8000rpm/7720×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×50ml round bottom	0494070100	12000rpm/15970×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	6×50ml conical bottom	0494070200	12000rpm/15970×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	1101070012
				6×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				6×1×15ml conical tube	1101070001
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	8×50ml round bottom	0494070400	10000rpm/10640×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	8×50ml conical bottom	0494070500	10000rpm/10640×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	1101070012
				8×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				8×1×15ml conical tube	1101070001
				8×1×25ml	1101070010
				8×1×50ml round tube	1101070002

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×250ml	0495040200	4000rpm/3100×g	4×8×2ml	0497011900
				4×8×2ml frozen storage tube	0497012300
				4×8×5ml round tube	0497012400
				4×5×5ml conical tube	0497012000
				4×10×7ml blood tube	0497012200
				4×9×10ml	1102050014
				4×5×15ml conical tube	0497012100
				4×2×30ml (glass tube)	1102050012
				4×2×50ml	1102050004
				4×1×100ml	1102050006

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2×3×96 well (micro plate)	0495011000	4000rpm/2146×g	2×24×1.5/2ml	1102040001
	Capacity: 48×2~7ml blood tube	0495180400	4000rpm/3100×g	/	/
	Capacity: 64×2~7ml blood tube	0495180500	4000rpm/3100×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495180710	 Capacity: 4×500ml Order No.: 1006010009 (without lid) Aerosol tight lid Order No.: 0495061110 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495060400 (without lid) 0495061300 (with lid)	4000rpm/3400×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	1102070007
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×100ml	1102070005
				4×1×250ml	1102070006
	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495060500	4000rpm/3400×g	4×25×2ml	0497013200
				4×25×2ml frozen storage tube	0497013500
				4×22×5ml	0497013300
				4×28×7ml blood tube	0497010100
				4×20×10ml blood tube	1102080003
				4×10×15ml conical tube	0497010500
				4×6×30ml	0497013400
				4×5×50ml conical tube	0497010600
				4×2×100ml	1102080006
				4×1×250ml	1102080007
	 Capacity: 4×2×96 well (micro plate) Order No.: 0495060610	0495060600	4000rpm/3400×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.: 0495180720	0495180700	4000rpm/3400×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.: 0496061010	0495061000	4000rpm/3400×g	/	/

Ventilated | High speed | Micro

H15S



Order No.:0102190000

BLDC motor

Small Temperature Rise: Temperature rise≤6℃
Low Noise: Noise≤56dB(A)
Maintenance Free: Brushless motor, maintenance free
Rapid Acceleration:adjustable speed rate.Speed up to max speed in highest rate just needs10s

More convenient

Resistive Touch Screen
· Color LCD screen, parameter display in full digits
· Automatic conversion between RPM and RCF
· Resistive touch screen, the device can be operated normally even with gloves
· Can change parameters under running
Intelligent Door Lock: Steel door buckle + smart door lock, making centrifugal work more convenient; Automatic induction door lock, actively monitor the opening and closing state of the door, and automatically open the door after centrifugation, which is convenient for taking out samples.
Damping Door Open: The damping door design, after the centrifugal work is completed, the door automatically opens slowly, there is no vibration in the whole process.
Bionic Suction Cup Base: It adopts a bionic suction cup with strong adsorption, which is simple to fix and easy to move.

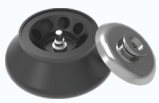
Safer

Aluminium Alloy Inner Cover
The super-hard aluminum alloy inner cover makes the operation safer; at the same time, the internal air outlet can quickly dissipate heat.
10mm Stainless Steel Shaft
The connection between the door cover and the body is made of stainless steel shaft, and the door has been opened and closed for more than 100,000 times without damage in experiment, making it more secure to use.
Aluminum Alloy Rotor
Aluminum alloy rotor is strong and durable.

TECHNICAL DATA

Model	H15S	Time Setting	1s ～ 99m59s/Short spin
Max Speed	15000rpm	Noise	⩽56dB(A)
Max RCF	15093xg	Power Supply	100～250V 50/60Hz 3A
Max Capacity	8x5ml	Dimension(WxDxH)	220x240x170mm
Speed Accuracy	±10rpm	Weight	3.8kg

AVAILABLE ROTORS

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020100	15000rpm/15093×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	8×5ml	0494030100	15000rpm/15093×g	8×1×1.8ml frozen storage tube	1101020002
				8×1×2ml frozen storage tube	1101020004
				8×1×2ml	1101020001
	3×8×0.2ml PCR strip	0494010200	15000rpm/15093×g	/	/

Ventilated | High speed | Micro

H16S



Order No.:0102200000

BLDC motor

Small Temperature Rise: Temperature rise≤6℃
Low Noise: Noise≤56dB(A)
Maintenance Free: Brushless motor, maintenance free
Rapid Acceleration:adjustable speed rate.Speed up to max speed in highest rate just needs10s

More convenient

Resistive Touch Screen
· Color LCD screen, parameter display in full digits
· Automatic conversion between RPM and RCF
· Resistive touch screen, the device can be operated normally even with gloves
· Can change parameters under running
Intelligent Door Lock: Steel door buckle + smart door lock, making centrifugal work more convenient; Automatic induction door lock, actively monitor the opening and closing state of the door, and automatically open the door after centrifugation, which is convenient for taking out samples.
Damping Door Open: The damping door design, after the centrifugal work is completed, the door automatically opens slowly, there is no vibration in the whole process.
Bionic Suction Cup Base: It adopts a bionic suction cup with strong adsorption, which is simple to fix and easy to move.

Safer

Aluminium Alloy Inner Cover
The super-hard aluminum alloy inner cover makes the operation safer; at the same time, the internal air outlet can quickly dissipate heat.
10mm Stainless Steel Shaft
The connection between the door cover and the body is made of stainless steel shaft, and the door has been opened and closed for more than 100,000 times without damage in experiment, making it more secure to use.
Aluminum Alloy Rotor
Aluminum alloy rotor is strong and durable.

TECHNICAL DATA

Model	H16S	Time Setting	1s ～ 99m59s/Short spin
Max Speed	16500rpm	Noise	⩽56dB(A)
Max RCF	18262xg	Power Supply	100～250V 50/60Hz 3A
Max Capacity	8x5ml	Dimension(WxDxH)	220x240x170mm
Speed Accuracy	±10rpm	Weight	3.8kg

AVAILABLE ROTORS

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020100	16500rpm/18262×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	8×5ml	0494030100	16500rpm/18262×g	8×1×1.8ml frozen storage tube	1101020002
				8×1×2ml frozen storage tube	1101020004
				8×1×2ml	1101020001
	3×8×0.2ml PCR strip	0494010200	16500rpm/18262×g	/	/

Refrigerated | Low speed | Benchtop

TDL-6M

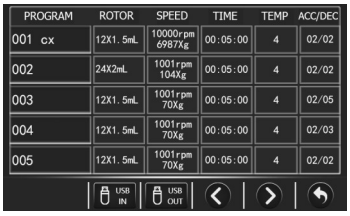


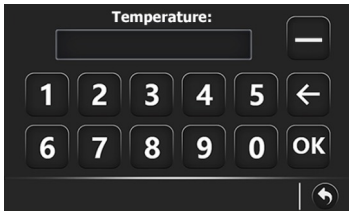
Order No.:0105030000

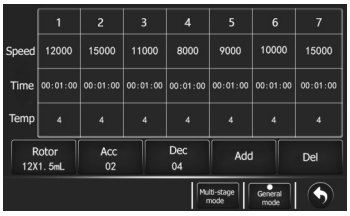


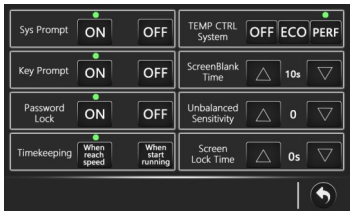
LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>Intelligent status display,real-time and real values
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning









FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>Reservation:can reserve cooling,turn on and turn off time
>Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations.

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1°C high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management with permission allocation
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor; Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

Max Speed	6000rpm	Time Setting	1s ～ 99h59m59s
Max RCF	5433xg	Noise	⩽56dB(A)
Max Capacity	4x750ml	Voltage	220v
Temperature Range	-20°C ～ +40°C	Power Consumption	1500w
Temperature Accuracy	±1°C	Dimension(WxDxH)	680x600x420mm
Speed Accuracy	±10rpm	Weight	108kg

AVAILABLE ROTORS

Swing out rotor

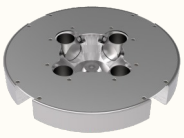
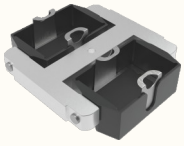
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495030720	 Capacity: 4×50ml Order No.: 0495030310	0495030300	5000rpm/4416×g	4×1×5ml	1102020001
				4×1×10ml	1102020002
				4×1×15ml conical tube	1102020003
				4×1×30ml	1102020004
				4×1×10ml glass tube	1102020006
	 Capacity: 4×100ml Order No.: 0495030510	0495030500	5000rpm/4416×g	4×3×2ml	1102030010
				4×4×2ml frozen storage tube	1102030009
				4×1×5ml	1102030001
				4×1×10ml	1102030002
				4×1×15ml conical tube	1102030003
				4×1×30ml	1102030004
				4×1×50ml	1102030005/round tube 1102030006/conical tube
 Order No.: 0495150520	 Capacity: 32×15ml Order No.: 0495031110	0495031100	4000rpm/3094×g	32×1×2ml	1102010008
				32×1×2ml blood tube	1102010001
				32×1×7ml blood tube	1102010002
				32×1×10ml blood tube	1102010003
	 Capacity: 8×50ml Order No.: 0495030410	0495030400	4000rpm/3094×g	8×1×5ml	1102020001
				8×1×10ml	1102020002
				8×1×10ml glass tube	1102020006
				8×1×15ml conical tube	1102020003
				8×1×30ml	1102020004
	 Capacity: 8×100ml Order No.: 0495030610	0495030600	4000rpm/3094×g	8×4×2ml frozen storage tube	1102030009
				8×3×2ml	1102030010
				8×1×5ml	1102030001
				8×1×10ml	1102030002
				8×1×15ml conical tube	1102030003
				8×1×30ml	1102030004
				8×1×50ml	1102030005/round tube 1102030006/conical tube

AVAILABLE ROTORS

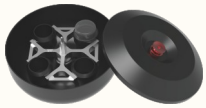
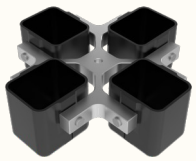
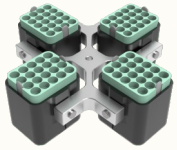
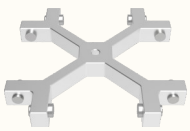
Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×15ml	0494500300	6000rpm/4990×g	12×1×2ml	1102010001/blood tube 1102010008/micro tube
				12×1×7ml blood tube	1102010002
				12×1×10ml blood tube	1102010003
	6×50ml	0494500400	6000rpm/4548×g	6×1×5ml	1102020001
				6×1×10ml	1102020002
				6×1×10ml glass tube	1102020006
				6×1×15ml conical tube	1102020003
				6×1×30ml	1102020004

Swing out rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×50ml	0495021100	6000rpm/5433×g	4x1x15ml conical tube	1101070001
	Capacity: 2×3×96 well (micro plate)	0495010700	4000rpm/2146×g	2×24×1.5/2ml	1102040001
 Order No.: 0495050110	 Capacity: 4×300ml Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495050100	4500rpm/3826×g	4×15×1.5/2ml	0497012600
				4x12x5ml	1102060011
				4×16×7ml blood tube	0497011700
				4x10x10ml	1102060012
				4x9x10ml blood tube	1102060013
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	1102060005
	 Capacity: 4x250ml conical bottle Order No.:1004010017	0495040900	4500rpm/3826×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×250ml	0495040800	5000rpm/4499×g	4×8×2ml	0497011900
				4×8×2ml frozen storage tube	0497012300
				4×8×5ml	0497012400
				4×5×5ml conical tube	0497012000
				4×10×7ml blood tube	0497012200
				4×9×10ml	1102050014
				4×5×15ml conical tube	0497012100
				4×2×30ml glass tube	1102050012
				4×2×50ml	1102050004
				4×1×100ml	1102050006
	Capacity: 4×600ml Note: No suitable bottle,must choose adaptor	0495020200	4000rpm/3184×g	4×18×10ml	0497013600
				4×12×15ml conical tube	0497013700
				4×5×50ml conical tube	0497013800
				4x27×2~7ml blood tube decap	0497011400
	Capacity: 80×2~7ml blood tube decap	0495070100	4000rpm/3184×g	/	/
 Order No.: 0495190110	 Capacity: 4×700ml Order No.: 0495190120 Note: No suitable bottle,must choose adaptor	0495190100	4000rpm/3425×g	4x24x2ml	0497014900
				4x3x100ml	1102100015
				4×14×15ml conical tube	1102100010
				4×5×50ml conical tube	0497014800
				4×1×250ml conical bottle	1102100008
				4×1×500ml conical bottle	1102100007
	 Capacity: 4×750ml Order No.: 0495190220	0495080100	4000rpm/3327×g	4×24×2ml	0497013900
				4×24×2ml frozen storage tube	0497014000
				4×37×5ml RIA tube	1102100021
				4×24×7ml blood tube	0497014100
				4×18×10ml	0497014200
				4×15×15ml conical tube	0497014400
				4×14×15ml round tube	0497014500
				4×8×30ml	0497014600
				4×7×50ml conical tube	1102100003
				4×3×100ml	1102100004
				4×1×250ml	1102100005
				4×1×500ml	1102100006

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495180610	 Capacity: 4×500ml Order No.: 1006010009 (without lid) Aerosol tight lid Order No.: 0495061110 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495060100 (without lid) 0495061200 (with lid)	4200rpm/3551×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	1102070007
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×100ml	1102070005
				4×1×250ml	1102070006
	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495060200	4200rpm/3551×g	4×25×2ml	0497013200
				4×25×2ml frozen storage tube	0497013500
				4×22×5ml	0497013300
				4×28×7ml blood tube	0497010100
				4×20×10ml blood tube	1102080003
				4×10×15ml conical tube	0497010500
				4×6×30ml	0497013400
				4×5×50ml conical tube	0497010600
				4×2×100ml	1102080006
				4×1×250ml	1102080007
	 Capacity: 4×2×96 well (micro plate) Order No.: 0495060610	0495060300	4200rpm/3551×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.: 0495180720	0495180600	4200rpm/3551×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.: 0496061010	0495060900	4200rpm/3551×g	/	/

Refrigerated | Low speed | Benchtop

TDL-5M

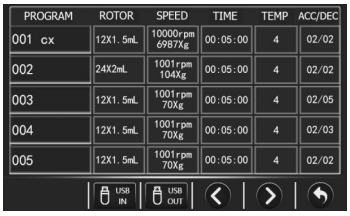


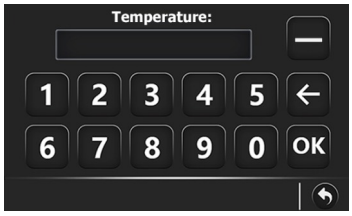
Order No.:0105020000

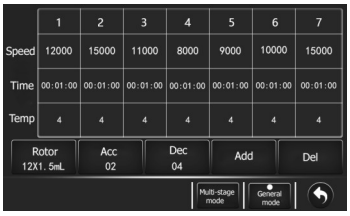


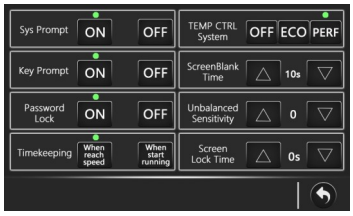
LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>Intelligent status display,real-time and real values
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning









FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>Reservation:can reserve cooling,turn on and turn off time
>Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations.

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1°C high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management with permission allocation
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

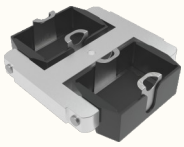
Max Speed	5000rpm	Time Setting	1s ～ 99h59m59s
Max RCF	4499xg	Noise	⩽56dB(A)
Max Capacity	4x750ml	Voltage	220v
Temperature Range	-20°C ～ +40°C	Power Consumption	1500w
Temperature Accuracy	±1°C	Dimension(WxDxH)	680x600x420mm
Speed Accuracy	±10rpm	Weight	108kg

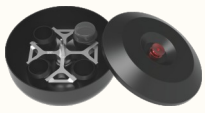
AVAILABLE ROTORS

Swing out rotor

Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495030720	 Capacity: 4×50ml Order No.: 0495030310	0495030300	5000rpm/4416×g	4×1×5ml	1102020001
				4×1×10ml	1102020002
				4×1×15ml conical tube	1102020003
				4×1×30ml	1102020004
				4×1×10ml glass tube	1102020006
	 Capacity: 4×100ml Order No.: 0495030510	0495030500	5000rpm/4416×g	4×3×2ml	1102030010
				4×4×2ml frozen storage tube	1102030009
				4×1×5ml	1102030001
				4×1×10ml	1102030002
				4×1×15ml conical tube	1102030003
				4×1×30ml	1102030004
				4×1×50ml	1102030005/round tube 1102030006/conical tube
 Order No.: 0495150520	 Capacity: 32×15ml Order No.: 0495031110	0495031100	4000rpm/3094×g	32×1×2ml	1102010008
				32×1×2ml blood tube	1102010001
				32×1×7ml blood tube	1102010002
				32×1×10ml blood tube	1102010003
	 Capacity: 8×50ml Order No.: 0495030410	0495030400	4000rpm/3094×g	8×1×5ml	1102020001
				8×1×10ml	1102020002
				8×1×10ml glass tube	1102020006
				8×1×15ml conical tube	1102020003
				8×1×30ml	1102020004
	 Capacity: 8×100ml Order No.: 0495030610	0495030600	4000rpm/3094×g	8×4×2ml frozen storage tube	1102030009
				8×3×2ml	1102030010
				8×1×5ml	1102030001
				8×1×10ml	1102030002
				8×1×15ml conical tube	1102030003
				8×1×30ml	1102030004
				8×1×50ml	1102030005/round tube 1102030006/conical tube

AVAILABLE ROTORS

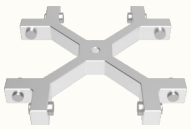
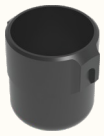
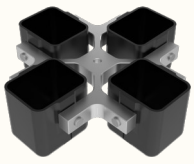
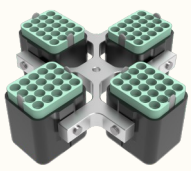
Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2×3×96 well (micro plate)	0495010700	4000rpm/2146×g	2×24×1.5/2ml	1102040001
 Order No.: 0495050110	 Capacity: 4×300ml Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495050100	4500rpm/3826×g	4×15×1.5/2ml	0497012600
				4x12x5ml	1102060011
				4×16×7ml blood tube	0497011700
				4x10x10ml	1102060012
				4x9x10ml blood tube	1102060013
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	1102060005
	 Capacity: 4x250ml conical bottle Order No.:1004010017	0495040900	4500rpm/3826×g	/	/

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×250ml	0495040800	5000rpm/4499×g	4×8×2ml	0497011900
				4×8×2ml frozen storage tube	0497012300
				4×8×5ml	0497012400
				4×5×5ml conical tube	0497012000
				4×10×7ml blood tube	0497012200
				4×9×10ml	1102050014
				4×5×15ml conical tube	0497012100
				4×2×30ml glass tube	1102050012
				4×2×50ml	1102050004
				4×1×100ml	1102050006

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495180610	 Capacity: 4×500ml Order No.: 1006010009 (without lid) Aerosol tight lid Order No.: 0495061110 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495060100 (without lid) 0495061200 (with lid)	4200rpm/3551×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	1102070007
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×100ml	1102070005
				4×1×250ml	1102070006
	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495060200	4200rpm/3551×g	4×25×2ml	0497013200
				4×25×2ml frozen storage tube	0497013500
				4×22×5ml	0497013300
				4×28×7ml blood tube	0497010100
				4×20×10ml blood tube	1102080003
				4×10×15ml conical tube	0497010500
				4×6×30ml	0497013400
				4×5×50ml conical tube	0497010600
				4×2×100ml	1102080006
				4×1×250ml	1102080007
	 Capacity: 4×2×96 well (micro plate) Order No.: 0495060610	0495060300	4200rpm/3551×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.: 0495180720	0495180600	4200rpm/3551×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.: 0496061010	0495060900	4200rpm/3551×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495190110	 Capacity: 4×700ml Order No.: 0495190120 Note: No suitable bottle,must choose adaptor	0495190100	4000rpm/3425×g	4x24x2ml	0497014900
				4x3x100ml	1102100015
				4×14×15ml conical tube	1102100010
				4×5×50ml conical tube	0497014800
				4×1×250ml conical bottle	1102100008
				4×1×500ml conical bottle	1102100007
	 Capacity: 4×750ml Order No.: 0495190220	0495080100	4000rpm/3327×g	4×24×2ml	0497013900
				4×24×2ml frozen storage tube	0497014000
				4×37×5ml RIA tube	1102100021
				4×24×7ml blood tube	0497014100
				4×18×10ml	0497014200
				4×15×15ml conical tube	0497014400
				4×14×15ml round tube	0497014500
				4×8×30ml	0497014600
				4×7×50ml conical tube	1102100003
				4×3×100ml	1102100004
				4×1×250ml	1102100005
				4×1×500ml	1102100006
	Capacity: 4×600ml Note: No suitable bottle,must choose adaptor	0495020200	4000rpm/3184×g	4×18×10ml	0497013600
				4×12×15ml conical tube	0497013700
				4×5×50ml conical tube	0497013800
				4x27×2~7ml blood tube decap	0497011400
	Capacity: 80×2~7ml blood tube decap	0495070100	4000rpm/3184×g	/	/

Refrigerated | Low speed | Benchtop

TDL-6

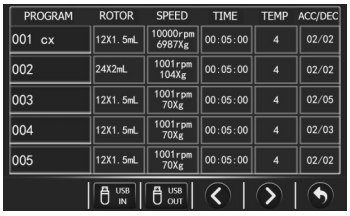


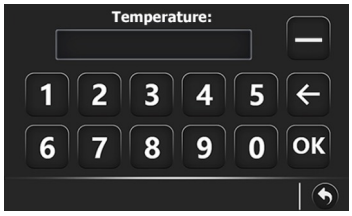
Order No.:0103040000

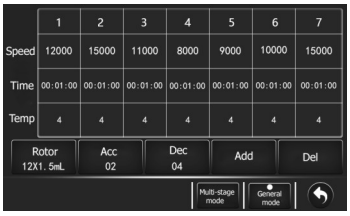


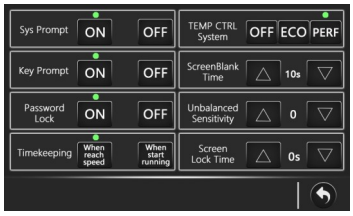
LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>Intelligent status display,real-time and real values
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning









FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>Reservation:can reserve cooling,turn on and turn off time
>Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations.

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1°C high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management with permission allocation
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor; Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

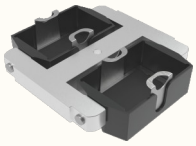
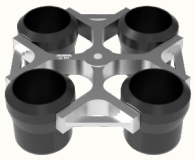
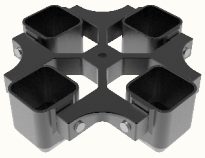
Max Speed	6000rpm	Time Setting	1s ～ 99h59m59s
Max RCF	4990xg	Noise	⩽56dB(A)
Max Capacity	4x300ml	Voltage	220v
Temperature Range	-20°C ～ +40°C	Power Consumption	1200w
Temperature Accuracy	±1°C	Dimension(WxDxH)	640x580x390mm
Speed Accuracy	±10rpm	Weight	82kg

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495030720	 Capacity: 4×50ml Order No.: 0495030310	0495030300	5000rpm/4416×g	4×1×5ml	1102020001
				4×1×10ml	1102020002
				4×1×15ml conical tube	1102020003
				4×1×30ml	1102020004
				4×1×10ml glass tube	1102020006
	 Capacity: 4×100ml Order No.: 0495030510	0495030500	5000rpm/4416×g	4×3×2ml	1102030010
				4×4×2ml frozen storage tube	1102030009
				4×1×5ml	1102030001
				4×1×10ml	1102030002
				4×1×15ml conical tube	1102030003
				4×1×30ml	1102030004
				4×1×50ml	1102030005/round tube 1102030006/conical tube
 Order No.: 0495150520	 Capacity: 32×15ml Order No.: 0495031110	0495031100	4000rpm/3094×g	32×1×2ml	1102010008
				32×1×2ml blood tube	1102010001
				32×1×7ml blood tube	1102010002
				32×1×10ml blood tube	1102010003
	 Capacity: 8×50ml Order No.: 0495030410	0495030400	4000rpm/3094×g	8×1×5ml	1102020001
				8×1×10ml	1102020002
				8×1×10ml glass tube	1102020006
				8×1×15ml conical tube	1102020003
				8×1×30ml	1102020004
	 Capacity: 8×100ml Order No.: 0495030610	0495030600	4000rpm/3094×g	8×4×2ml frozen storage tube	1102030009
				8×3×2ml	1102030010
				8×1×5ml	1102030001
				8×1×10ml	1102030002
				8×1×15ml conical tube	1102030003
				8×1×30ml	1102030004
				8×1×50ml	1102030005/round tube 1102030006/conical tube

AVAILABLE ROTORS

Swing out rotor

Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2×3×96 well (micro plate)	0495010200	4000rpm/2146×g	2×24×1.5/2ml	1102040001
	Capacity: 4×250ml	0495040100	4000rpm/2879×g	4×8×2ml	0497011900
				4×8×2ml frozen storage tube	0497012300
				4×8×5ml	0497012400
				4×5×5ml conical tube	0497012000
				4×10×7ml blood tube	0497012200
				4×9×10ml	1102050014
				4×5×15ml conical tube	0497012100
				4×2×30ml glass tube	1102050012
				4×2×50ml	1102050004
				4×1×100ml	1102050006
	Capacity: 4×300ml Note: No suitable bottle,must choose adaptor	0495050100	4500rpm/3826×g	4×15×1.5/2ml	0497012600
				4x12x5ml	1102060011
				4×16×2~7ml blood tube	0497011700
				4x10x10ml	1102060012
				4x9x10ml blood tube	1102060013
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	1102060005

Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×15ml	0494500300	6000rpm/4990×g	12×1×2ml	1102010001/blood tube 1102010008/micro tube
				12×1×7ml blood tube	1102010002
				12×1×10ml blood tube	1102010003
	6×50ml	0494500400	6000rpm/4548×g	6×1×5ml	1102020001
				6×1×10ml	1102020002
				6×1×10ml glass tube	1102020006
				6×1×15ml conical tube	1102020003
				6×1×30ml	1102020004

Refrigerated | High speed | Benchtop



H1200R

Order No.:0104370000

User-friendly functions

>up to 1000 user-defined programs,support setting name and password
>up to 5000 run histories, 130000 operation logs, support data filtering, can be exported via USB as PDF/CSV file
>up to 40 rates acceleration and deceleration,two deceleration modes: uniform and differential to meet various centrifugation needs
>up to 100 multi-step centrifugation programs,each with 10 steps
>up to 99h59m59s timer range, 1s increment.
>Two timing modes: when reach set speed/when start running
>Independent short spin button and fast cooling button
>Reservation:can reserve cooling,turn on and turn off time
>Self-priming door lock,easy to close the door
>Centrifugal radius can be corrected for actual RCF

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1°C high accuracy(stable running)
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Independent Fast Cooling button
>With ECO energy-saving mode
>Can set cooling stop time on door/standby

Ensure safety

>Automatic rotor identification by RFID,identify rotor capacity without running and can record rotor life
>Imbalance detection by six axis gyroscope,monitoring imbalance in the whole process and automatic stop.
>Motorized electronic door lock with dual detection
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management:name,password and permission allocation
>Various protections to ensure safe centrifugation

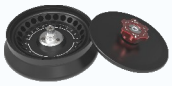
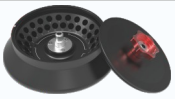
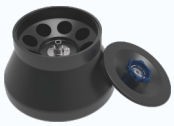
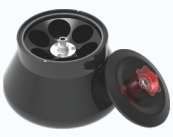
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong 304 stainless steel
>Chamber: 316L stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Metal swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

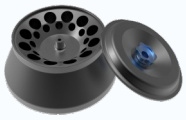
Max Speed	18000rpm
Max RCF	30789xg
Max Capacity	4x300ml
Temperature Range	-20°C ～ +40°C
Temperature Accuracy	±1°C(stable running)
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s/short spin/continuous
Noise	fixed angle rotor≤55dB(A) swing out rotor≤56dB(A)
Voltage	220v
Net weight	97kg
Power consumption	2500VA
Acc/Dec time	Max acc 18s; Max dec 14s

AVAILABLE ROTORS

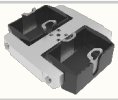
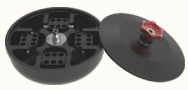
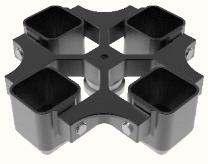
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	24×1.5/2ml aerosol tight	0494022100	18000rpm/30789×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	30×1.5/2ml aerosol tight	0494022000	14400rpm/22023×g	30×1×0.2ml	1101010001
				30×1×0.5ml	1101010002
	48×1.5/2ml aerosol tight	0494021300	13500rpm/19560×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	16×5ml conical bottom aerosol tight	0494031000	15000rpm/24023×g	16×1×2ml	0011070005
				16×1×2ml frozen storage tube	0011070010
				16×1×5ml round tube	0011070006
				6×1×HPLC tube	0011070009
	12×10ml round bottom aerosol tight	0494040600	15000rpm/19822×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	12×15ml conical bottom aerosol tight	0494050500	13500rpm/18582×g	12×1×5ml	1101040001
				12×1×10ml	1101040002
	8×50ml conical bottom aerosol tight	0494071400	12000rpm/16517×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	0012130001
				8×1×10ml	1101070007/conical tube 1101070008/round tube
				8×1×15ml	1101070015/conical tube
				8×1×25ml	1101070010
				8×1×30ml	1101070014
				8×1×50ml round tube	1101070002
	6×100ml round bottom aerosol tight	0494080600	12000rpm/16211×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube
	8×8×0.2ml PCR strip	0494010700	15000rpm/18614×g	/	/

AVAILABLE ROTORS

Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×50/15ml conical bottom aerosol tight	0494072200	13100rpm/20337×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	0012130001
				6×1×10ml	1101070007/conical tube 1101070008/round tube
				6×1×15ml	1101070015/conical tube
				6×1×25ml	1101070010
				6×1×30ml	1101070014
				6×1×50ml round tube	1101070002
	12×50/15ml conical bottom aerosol tight	0494072100	10000rpm/14321×g	12×1×2ml	1101070003
				12×1×5ml	1101070004/conical tube 1101070005/round tube
				12×1×7ml	0012130001
				12×1×10ml	1101070007/conical tube 1101070008/round tube
				12×1×15ml	1101070015/conical tube
				12×1×25ml	1101070010
				12×1×30ml	1101070014
				12×1×50ml round tube	1101070002

Swing out rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2×3×96 well plate	0495010800	4750rpm/3026×g	2×24×1.5/2ml	1102040001
	Capacity: 24x1.5/2ml (aerosol tight)	0495210100	13000rpm/16249×g	/	/
	Capacity: 4x100ml	0495220100	4500rpm/3078×g	4×1×5ml	1101080007
				4×1×10ml	1101080001
				4x1x15ml conical bottom	1101080002
				4x1x30ml	1101080003
				4x1x50ml round bottom	1101080004
				4x1x50ml conical bottom	1101080005
	Capacity: 4×300ml Note: No suitable bottle,must choose adaptor	0495050300	4500rpm/3826×g	4×15×1.5/2ml	0497012600
				4x12x5ml	0497020002
				4×16×7ml blood tube	0497011700
				4×16×7ml blood tube decap	0497011000
				4x10x10ml	0497020004
				4x12x10ml blood tube	0497011100
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	0497020001

Refrigerated | High speed | Benchtop



H3000R

Order No.:0104390000

User-friendly functions

>up to 1000 user-defined programs,support setting name and password
>up to 5000 run histories, 130000 operation logs, support data filtering, can be exported via USB as PDF/CSV file
>up to 40 rates acceleration and deceleration,two deceleration modes: uniform and differential to meet various centrifugation needs
>up to 100 multi-step centrifugation programs,each with 10 steps
>up to 99h59m59s timer range, 1s increment.
>Two timing modes: when reach set speed/when start running
>Independent short spin button and fast cooling button
>Reservation:can reserve cooling,turn on and turn off time
>Self-priming door lock,easy to close the door
>Centrifugal radius can be corrected for actual RCF

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1°C high accuracy(stable running)
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Independent Fast Cooling button
>With ECO energy-saving mode
>Can set cooling stop time on door/standby

Ensure safety

>Automatic rotor identification by RFID,identify rotor capacity without running and can record rotor life
>Imbalance detection by six axis gyroscope,monitoring imbalance in the whole process and automatic stop.
>Motorized electronic door lock with dual detection
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management:name,password and permission allocation
>Various protections to ensure safe centrifugation

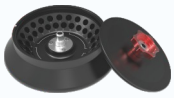
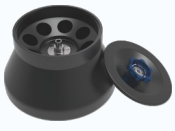
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong 304 stainless steel
>Chamber: 316L stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Metal swing out rotor.
>Rotors are autoclavable

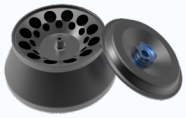
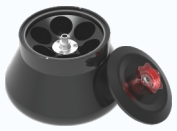
TECHNICAL DATA

Max Speed	18000rpm
Max RCF	34412xg
Max Capacity	4x750ml
Temperature Range	-20°C ～ +40°C
Temperature Accuracy	±1°C(stable running)
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s/short spin/continuous
Noise	fixed angle rotor≤56dB(A) swing out rotor≤59dB(A)
Voltage	220v
Net weight	126kg
Power consumption	2800VA
Acc/Dec time	Max acc 18s; Max dec 14s

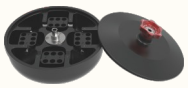
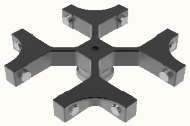
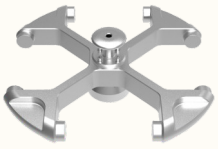
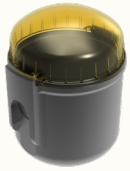
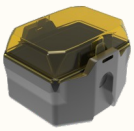
AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	30×1.5/2ml aerosol tight	0494022000	18000rpm/34412×g	30×1×0.2ml	1101010001
				30×1×0.5ml	1101010002
	48×1.5/2ml aerosol tight	0494021300	15500rpm/25785×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	16×5ml conical bottom aerosol tight	0494031000	15000rpm/24023×g	16×1×2ml	0011070005
				16×1×2ml frozen storage tube	0011070010
				16×1×5ml round tube	0011070006
				16×1×HPLC tube	0011070009
	20×5ml conical bottom aerosol tight	0494031400	13500rpm/21903×g	16×1×2ml	0011070005
				16×1×2ml frozen storage tube	0011070010
				16×1×5ml round tube	0011070006
				16×1×HPLC tube	0011070009
	12×10ml round bottom aerosol tight	0494040600	16000rpm/22553×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	12×15ml conical bottom aerosol tight	0494050500	14000rpm/19984×g	12×1×5ml	1101040001
				12×1×10ml	1101040002
	8×50ml conical bottom aerosol tight	0494071400	13000rpm/19385×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	0012130001
				8×1×10ml	1101070007/conical tube 1101070008/round tube
				8×1×15ml	1101070015/conical tube
				8×1×25ml	1101070010
				8×1×30ml	1101070014
				8×1×50ml round tube	1101070002

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×50/15ml conical bottom aerosol tight	0494072200	14000rpm/23227×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	0012130001
				6×1×10ml	1101070007/conical tube 1101070008/round tube
				6×1×15ml	1101070015/conical tube
				6×1×25ml	1101070010
				6×1×30ml	1101070014
				6×1×50ml round tube	1101070002
	12×50/15ml conical bottom aerosol tight	0494072100	10000rpm/14321×g	12×1×2ml	1101070003
				12×1×5ml	1101070004/conical tube 1101070005/round tube
				12×1×7ml	0012130001
				12×1×10ml	1101070007/conical tube 1101070008/round tube
				12×1×15ml	1101070015/conical tube
				12×1×25ml	1101070010
				12×1×30ml	1101070014
				12×1×50ml round tube	1101070002
	6×100ml round bottom aerosol tight	0494080600	12000rpm/16211×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube
	8×8×0.2ml PCR strip	0494010700	16000rpm/21179×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2×3×96 well plate	0495010800	5000rpm/3354×g	/	/
	Capacity: 24x1.5/2ml (aerosol tight)	0495210100	13000rpm/16249×g	/	/
	 Capacity: 4×300ml Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495050300	4700rpm/4173×g	4×15×1.5/2ml	0497012600
				4x12x5ml	0497020002
				4×16×7ml blood tube	0497011700
				4×16×7ml blood tube decap	0497011000
				4x10x10ml	0497020004
				4x12x10ml blood tube	0497011100
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	0497020001
	 Capacity: 4x250ml conical bottle Order No.:1004010017	0495041200	4700rpm/4173×g	/	/
	 Capacity: 4×750ml round Order No.:0495050220 Aerosol tight lid:0495080001	0495080400 (without lid)	4200rpm/3766×g	4×24×1.5/2ml	0497012600
				4×15×15ml conical tube	0497060015
				4x7x50ml conical tube	0497060016
				4x24x7ml blood tube	0497060021
				4×3×100ml	0497060020
				4×1×250ml flat bottom	0497060017
				4×1×500ml flat bottom	0497060019
				4×1×500ml conical bottom	0497060018
	 Capacity: 4×750ml square Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495080500	4200rpm/3766×g	4x40x7ml blood tube	0497060004
				4x20x10ml round tube	0497060014
				4x30x2ml	0497060012
				4x19x15ml conical tube	0497060010
				4x9x50ml conical tube	0497060008
	 Capacity: 4×5x96 well plate Order No.:0495050220 Aerosol tight lid:0495090001	0495080600 (without lid)	4200rpm/3766×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	 Capacity: 4×500ml Order No.: 1006010009 (without lid) Aerosol tight lid Order No.: 0495060001 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495061600 (without lid)	4500rpm/4075×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	0497030010
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×250ml	0497030009
	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495061700	4500rpm/4075×g	4×25×2ml	0497013200
				4×25×2ml frozen storage tube	0497013500
				4×22×5ml	0497013300
				4×28×7ml blood tube	0497010100
				4×20×10ml blood tube	0497030012
				4×10×15ml conical tube	0497010500
				4×6×30ml	0497013400
				4×5×50ml conical tube	0497010600
				4×2×100ml	0497030013
				4×1×250ml	0497030014
	 Capacity: 4×2×96 well (micro plate) Order No.: 0495060610	0495061800	4500rpm/4075×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.: 0495180720	0495061900	4500rpm/4075×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.: 0496061010	0495062000	4500rpm/4075×g	/	/

Refrigerated | High speed | Benchtop



H5000R

Order No.:0104390000

User-friendly functions

>up to 1000 user-defined programs,support setting name and password
>up to 5000 run histories, 130000 operation logs, support data filtering, can be exported via USB as PDF/CSV file
>up to 40 rates acceleration and deceleration,two deceleration modes: uniform and differential to meet various centrifugation needs
>up to 100 multi-step centrifugation programs,each with 10 steps
>up to 99h59m59s timer range, 1s increment.
>Two timing modes: when reach set speed/when start running
>Independent short spin button and fast cooling button
>Reservation:can reserve cooling,turn on and turn off time
>Self-priming door lock,easy to close the door
>Centrifugal radius can be corrected for actual RCF

Refrigeration

>High quality compressor unit
>-20℃ to +40℃ ,1℃ increment
>±1℃ high accuracy(stable running)
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Independent Fast Cooling button
>With ECO energy-saving mode
>Can set cooling stop time on door/standby

Ensure safety

>Automatic rotor identification by RFID,identify rotor capacity without running and can record rotor life
>Imbalance detection by six axis gyroscope,monitoring imbalance in the whole process and automatic stop.
>Motorized electronic door lock with dual detection
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management:name,password and permission allocation
>Various protections to ensure safe centrifugation

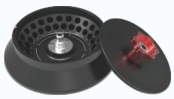
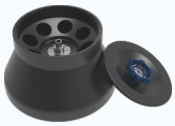
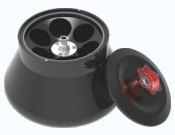
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong 304 stainless steel
>Chamber: 316L stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Metal swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

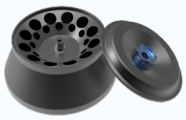
Max Speed	18000rpm
Max RCF	34412xg
Max Capacity	4x1250ml
Temperature Range	-20℃ ～ +40℃
Temperature Accuracy	±1℃(stable running)
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s/short spin/continuous
Noise	fixed angle rotor≤59dB(A) swing out rotor≤59dB(A)
Voltage	220v
Net weight	127kg
Power consumption	3000VA
Acc/Dec time	Max acc 18s; Max dec 14s

AVAILABLE ROTORS

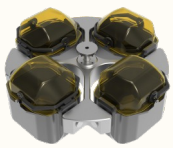
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	30×1.5/2ml aerosol tight	0494022000	18000rpm/34412×g	30×1×0.2ml	1101010001
				30×1×0.5ml	1101010002
	48×1.5/2ml aerosol tight	0494021300	16000rpm/27475×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	16×5ml conical bottom aerosol tight	0494031000	15000rpm/24023×g	16×1×2ml	0011070005
				16×1×2ml frozen storage tube	0011070010
				16×1×5ml round tube	0011070006
				16×1×HPLC tube	0011070009
	20×5ml conical bottom aerosol tight	0494031400	14000rpm/23556×g	16×1×2ml	0011070005
				16×1×2ml frozen storage tube	0011070010
				16×1×5ml round tube	0011070006
				16×1×HPLC tube	0011070009
	12×10ml round bottom aerosol tight	0494040600	16000rpm/22553×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	12×15ml conical bottom aerosol tight	0494050500	14000rpm/19984×g	12×1×5ml	1101040001
				12×1×10ml	1101040002
	8×50ml conical bottom aerosol tight	0494071400	13000rpm/19385×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	0012130001
				8×1×10ml	1101070007/conical tube 1101070008/round tube
				8×1×15ml	1101070015/conical tube
				8×1×25ml	1101070010
				8×1×30ml	1101070014
				8×1×50ml round tube	1101070002
	6×100ml round bottom aerosol tight	0494080600	13000rpm/19026×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube
	8×8×0.2ml PCR strip	0494010700	16000rpm/21179×g	/	/

AVAILABLE ROTORS

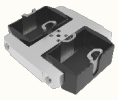
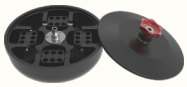
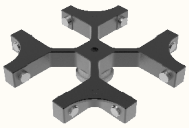
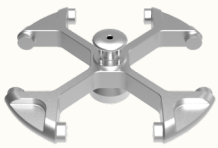
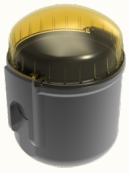
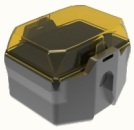
Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×50/15ml conical bottom aerosol tight	0494072200	15000rpm/26664×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	0012130001
				6×1×10ml	1101070007/conical tube 1101070008/round tube
				6×1×15ml	1101070015/conical tube
				6×1×25ml	1101070010
				6×1×30ml	1101070014
				6×1×50ml round tube	1101070002
	12×50/15ml conical bottom aerosol tight	0494072100	11000rpm/17329×g	12×1×2ml	1101070003
				12×1×5ml	1101070004/conical tube 1101070005/round tube
				12×1×7ml	0012130001
				12×1×10ml	1101070007/conical tube 1101070008/round tube
				12×1×15ml	1101070015/conical tube
				12×1×25ml	1101070010
				12×1×30ml	1101070014
				12×1×50ml round tube	1101070002
	6×250ml aerosol tight	0495041300	10000rpm/15652×g	6×5×15ml conical tube	
				6×1×100ml	
				6×1×50ml	1101070004/conical tube 1101070005/round tube

Swing out rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×1250ml Aerosol tight lid: 0495110001	0495110200 (without lid)	4000rpm/3631×g	4×44×1.5/2ml	0497090004
				4×50×2~7ml blood tube	0497090001
				4×24×15ml conical tube	0497090009
				4×10×50ml conical tube	0497090010
				4×5×100ml	0497090006
				4×2×250ml flat bottom	0497090008
				4×1×250ml conical bottom	0497090012
				4×1×500ml flat bottom	0497090014
				4×1×500ml conical bottom	0497090013
				4×5×96 well plate	0497090011

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2×3×96 well plate	0495010800	5000rpm/3354×g	/	/
	Capacity: 24x1.5/2ml (aerosol tight)	0495210100	13000rpm/16249×g	/	/
	 Capacity: 4×300ml Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495050300	5000rpm/4723×g	4×15×1.5/2ml	0497012600
				4x12x5ml	0497020002
				4×16×7ml blood tube	0497011700
				4×16×7ml blood tube decap	0497011000
				4x10x10ml	0497020004
				4x12x10ml blood tube	0497011100
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	0497020001
	 Capacity: 4x250ml conical bottle Order No.:1004010017	0495041200	5000rpm/4723×g	/	/
	 Capacity: 4×750ml round Order No.:0495050220 Aerosol tight lid:0495080001	0495080400 (without lid)	4500rpm/4324×g	4×24×1.5/2ml	0497012600
				4×15×15ml conical tube	0497060015
				4x7x50ml conical tube	0497060016
				4x24x7ml blood tube	0497060021
				4×3×100ml	0497060020
				4×1×250ml flat bottom	0497060017
				4×1×500ml flat bottom	0497060019
				4×1×500ml conical bottom	0497060018
	 Capacity: 4×750ml square Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495080500	4500rpm/4324×g	4x40x7ml blood tube	0497060004
				4x20x10ml round tube	0497060014
				4x30x2ml	0497060012
				4x19x15ml conical tube	0497060010
				4x9x50ml conical tube	0497060008
	 Capacity: 4×5x96 well plate Order No.:0495050220 Aerosol tight lid:0495090001	0495080600 (without lid)	4500rpm/4324×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	 Capacity: 4×500ml Order No.: 1006010009 (without lid) Aerosol tight lid Order No.: 0495060001 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495061600 (without lid)	4700rpm/4445×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	0497030010
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×250ml	0497030009
	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495061700	4700rpm/4445×g	4×25×2ml	0497013200
				4×25×2ml frozen storage tube	0497013500
				4×22×5ml	0497013300
				4×28×7ml blood tube	0497010100
				4×20×10ml blood tube	0497030012
				4×10×15ml conical tube	0497010500
				4×6×30ml	0497013400
				4×5×50ml conical tube	0497010600
				4×2×100ml	0497030013
				4×1×250ml	0497030014
	 Capacity: 4×2×96 well (micro plate) Order No.: 0495060610	0495061800	4700rpm/4445×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.: 0495180720	0495061900	4700rpm/4445×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.: 0496061010	0495062000	4700rpm/4445×g	/	/

Refrigerated | High speed | Benchtop



TGL-23

Order No.:0104140000

TGL-23 is a intelligent, versatile high speed refrigerated centrifuge runs up to 23000rpm. The centrifuge is a large capacity model which can accommodate 0.2ml to 750ml tube/bottle. Fixed angle rotors are compatible with tubes 0.2ml to 100ml. Swing out rotors are compatible with 1.5ml to 750ml tube or bottle, blood tube and microplate. With its leading technologies and many user-friendly functions,it can perfectly meet your centrifugal needs.

We solve two core safety risks

Risk one:Overspeed operation
Solution: Automatic rotor identification to prevent over speed operation

Automatic rotor identification by RFID

1. Static identification. Just put in the rotor, recognize rotor without running.
2. Prevent overspeed. User cannot set RPM/RCF over the rotor's limit.
3. More information. Besides rotor's max speed,centrifuge can identify information such as rotor capacity,production time and remaining life time.
4. Can recognize much more rotors

Risk two:Unbalanced operation
Solution: Imbalance detection in the whole operation process & automatically stop

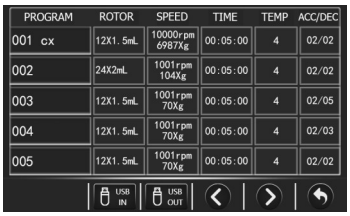
Imbalance sensor:Three axis gyroscope

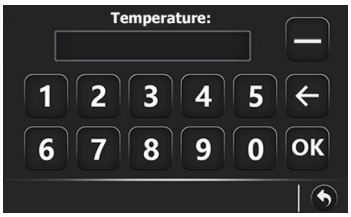
1. Detect imbalance in the whole operation process.
2. Adjust imbalance point automatically.
3. Automatic stop when reach imbalance point.
4. Imbalance detection is more accurate

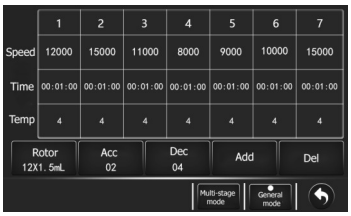


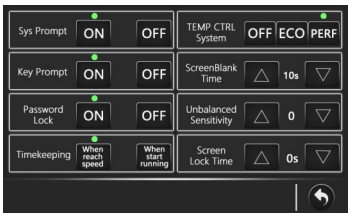
LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>Intelligent status display,real-time and real values
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning









FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>Reservation:can reserve cooling,turn on and turn off time
>Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations.

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Automatic rotor identification by RFID
>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management with permission allocation
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

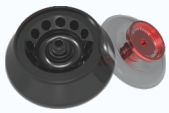
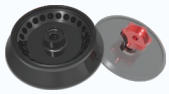
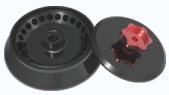
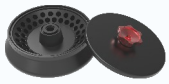
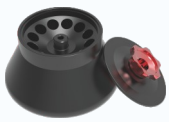
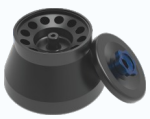
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

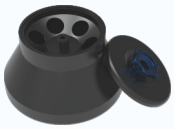
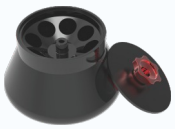
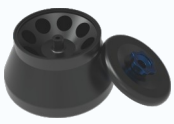
TECHNICAL DATA

Max Speed	23000rpm
Max RCF	35367xg
Max Capacity	4x750ml
Temperature Range	-20°C ～ +40°C
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	⩽56dB(A)
Voltage	220v
Power Consumption	1500w
Dimension(WxDxH)	680x600x420mm
Weight	108kg

AVAILABLE ROTORS

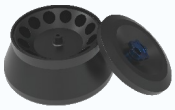
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020200	23000rpm/35367×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml	0494020600	16500rpm/26024×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494020500	18000rpm/30246×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	36×1.5/2ml	0494020800	15000rpm/20979×g	36×1×0.2ml	1101010001
				36×1×0.5ml	1101010002
	48×1.5/2ml	0494020900	13000rpm/17741×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	12×5ml round bottom	0494030200	18000rpm/27167×g	12×1×1.8ml frozen storage tube	1101020002
				12×1×2ml frozen storage tube	1101020004
				12×1×2ml	1101020001
	12×10ml round bottom	0494040200	15500rpm/20923×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	8×15ml conical bottom	0494050100	14500rpm/19063×g	8×1×5ml	1101040001
				8×1×10ml	1101040002
	12×15ml conical bottom	0494050200	13000rpm/17288×g	12×1×5ml	1101040001
				12×1×10ml	1101040002

AVAILABLE ROTORS

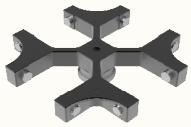
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×50ml round bottom	0494070100	13500rpm/19010×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	6×50ml conical bottom	0494070200	13000rpm/18232×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	1101070012
				6×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				6×1×15ml conical tube	1101070001
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	8×50ml round bottom	0494070400	12000rpm/14891×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	8×50ml conical bottom	0494070500	12000rpm/15906×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	1101070012
				8×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				8×1×15ml conical tube	1101070001
				8×1×25ml	1101070010
				8×1×50ml round tube	1101070002

AVAILABLE ROTORS

Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×50ml conical tube	0494070700	10000rpm/13650×g	12×1×2ml	1101070003
				12×1×5ml	1101070004/conical tube 1101070005/round tube
				12×1×7ml	1101070012
				12×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				12×1×15ml conical tube	1101070001
				12×1×25ml	1101070010
				12×1×50ml round tube	1101070002
	4×100ml round bottom	0494080100	12000rpm/15165×g	4×1×5ml	1101080007
				4×1×10ml	1101080001
				4×1×15ml conical tube	1101080002
				4×1×30ml	1101080003
				4×1×50ml	1101080005/conical tube 1101080004/round tube
	6×100ml round bottom	0494080200	10000rpm/11604×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube

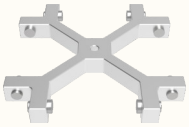
Swing out rotor

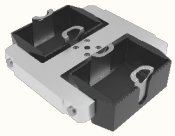
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	 Capacity: 4×300ml Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495050200	4500rpm/3826×g	4×15×1.5/2ml	0497012600
				4x12x5ml	1102060011
				4×16×7ml blood tube	0497011700
				4x10x10ml	1102060012
				4x9x10ml blood tube	1102060013
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	1102060005
Order No.: 0495180510	 Capacity: 4x250ml conical bottle Order No.:1004010017	0495050200	4500rpm/4369×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495180710	 Capacity: 4×500ml Order No.: 1006010009 (without lid) Aerosol tight lid Order No.: 0495061110 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495060400 (without lid) 0495061300 (with lid)	4200rpm/3551×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	1102070007
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×100ml	1102070005
				4×1×250ml	1102070006
	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495060500	4200rpm/3551×g	4×25×2ml	0497013200
				4×25×2ml frozen storage tube	0497013500
				4×22×5ml	0497013300
				4×28×7ml blood tube	0497010100
				4×20×10ml blood tube	1102080003
				4×10×15ml conical tube	0497010500
				4×6×30ml	0497013400
				4×5×50ml conical tube	0497010600
				4×2×100ml	1102080006
				4×1×250ml	1102080007
	 Capacity: 4×2×96 well (micro plate) Order No.: 0495060610	0495060600	4200rpm/3551×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.: 0495180720	0495180700	4200rpm/3551×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.: 0496061010	0495061000	4200rpm/3551×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495190210	 Capacity: 4×700ml Order No.: 0495190120 Note: No suitable bottle,must choose adaptor	0495190200	4000rpm/3425×g	4x24x2ml	0497014900
				4x3x100ml	1102100015
				4×14×15ml conical tube	1102100010
				4×5×50ml conical tube	0497014800
				4×1×250ml conical bottle	1102100008
				4×1×500ml conical bottle	1102100007
	 Capacity: 4×750ml Order No.: 0495190220	0495080300	4000rpm/3327×g	4×24×2ml	0497013900
				4×24×2ml frozen storage tube	0497014000
				4×37×5ml RIA tube	1102100021
				4×24×7ml blood tube	0497014100
				4×18×10ml	0497014200
				4×15×15ml conical tube	0497014400
				4×14×15ml round tube	0497014500
				4×8×30ml	0497014600
				4×7×50ml conical tube	1102100003
				4×3×100ml	1102100004
				4×1×250ml	1102100005
				4×1×500ml	1102100006

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2×3×96 well (micro plate)	0495011000	4000rpm/2146×g	2×24×1.5/2ml	1102040001

Refrigerated | High speed | Benchtop

TGL-21



Order No.:0104100000

TGL-21 is a intelligent, versatile high speed refrigerated centrifuge runs up to 21000rpm. The centrifuge is a large capacity model which can accommodate 0.2ml to 750ml tube/bottle. Fixed angle rotors are compatible with tubes 0.2ml to 100ml. Swing out rotors are compatible with 1.5ml to 750ml tube or bottle, blood tube and microplate. With its leading technologies and many user-friendly functions,it can perfectly meet your centrifugal needs.

We solve two core safety risks

Risk one:Overspeed operation
Solution: Automatic rotor identification to prevent over speed operation

Automatic rotor identification by RFID

1. Static identification. Just put in the rotor, recognize rotor without running.
2. Prevent overspeed. User cannot set RPM/RCF over the rotor's limit.
3. More information. Besides rotor's max speed,centrifuge can identify information such as rotor capacity,production time and remaining life time.
4. Can recognize much more rotors

Risk two:Unbalanced operation
Solution: Imbalance detection in the whole operation process & automatically stop

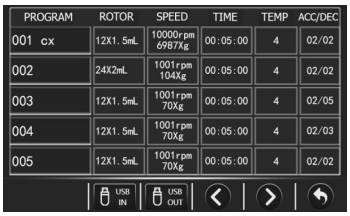
Imbalance sensor:Three axis gyroscope

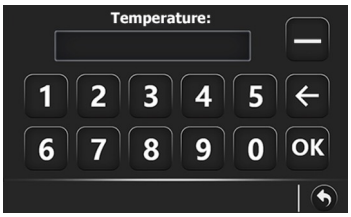
1. Detect imbalance in the whole operation process.
2. Adjust imbalance point automatically.
3. Automatic stop when reach imbalance point.
4. Imbalance detection is more accurate

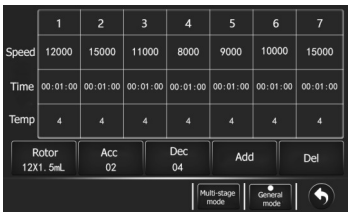


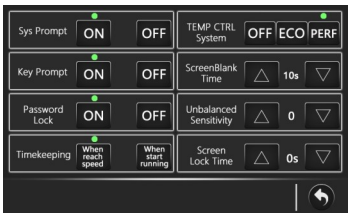
LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>Intelligent status display,real-time and real values
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning









FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>Reservation:can reserve cooling,turn on and turn off time
>Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations.

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Automatic rotor identification by RFID
>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management with permission allocation
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

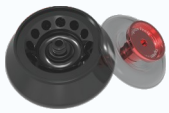
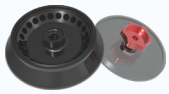
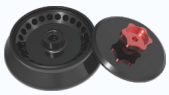
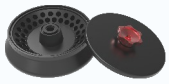
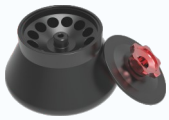
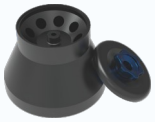
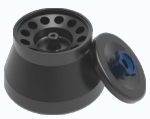
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

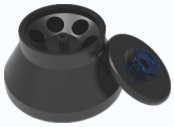
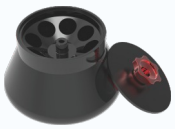
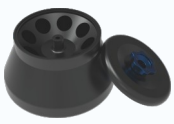
TECHNICAL DATA

Max Speed	21000rpm
Max RCF	30246xg
Max Capacity	4x750ml
Temperature Range	-20°C ～ +40°C
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	⩽56dB(A)
Voltage	220v
Power Consumption	1500w
Dimension(WxDxH)	680x600x420mm
Weight	108kg

AVAILABLE ROTORS

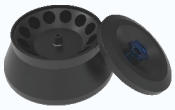
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020200	21000rpm/29483×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml	0494020600	16500rpm/26024×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494020500	18000rpm/30246×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	36×1.5/2ml	0494020800	15000rpm/20979×g	36×1×0.2ml	1101010001
				36×1×0.5ml	1101010002
	48×1.5/2ml	0494020900	13000rpm/17741×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	12×5ml round bottom	0494030200	17000rpm/24232×g	12×1×1.8ml frozen storage tube	1101020002
				12×1×2ml frozen storage tube	1101020004
				12×1×2ml	1101020001
	12×10ml round bottom	0494040200	15000rpm/19595×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	8×15ml conical bottom	0494050100	14500rpm/19063×g	8×1×5ml	1101040001
				8×1×10ml	1101040002
	12×15ml conical bottom	0494050200	12500rpm/15983×g	12×1×5ml	1101040001
				12×1×10ml	1101040002

AVAILABLE ROTORS

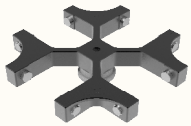
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×50ml round bottom	0494070100	13000rpm/17628×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	6×50ml conical bottom	0494070200	13000rpm/18232×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	1101070012
				6×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				6×1×15ml conical tube	1101070001
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	8×50ml round bottom	0494070400	11000rpm/12513×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	8×50ml conical bottom	0494070500	11000rpm/13365×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	1101070012
				8×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				8×1×15ml conical tube	1101070001
				8×1×25ml	1101070010
				8×1×50ml round tube	1101070002

AVAILABLE ROTORS

Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×50ml conical bottom	0494070700	10000rpm/13650×g	12×1×2ml	1101070003
				12×1×5ml	1101070004/conical tube 1101070005/round tube
				12×1×7ml	1101070012
				12×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				12×1×15ml conical tube	1101070001
				12×1×25ml	1101070010
				12×1×50ml round tube	1101070002
	4×100ml round bottom	0494080100	11000rpm/12743×g	4×1×5ml	1101080007
				4×1×10ml	1101080001
				4×1×15ml conical tube	1101080002
				4×1×30ml	1101080003
				4×1×50ml	1101080005/conical tube 1101080004/round tube
	6×100ml round bottom	0494080200	10000rpm/11604×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube

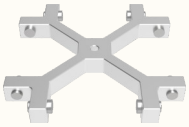
Swing out rotor

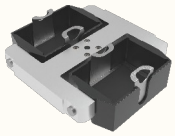
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	 Capacity: 4×300ml Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495050200	4500rpm/3826×g	4×15×1.5/2ml	0497012600
				4x12x5ml	1102060011
				4×16×7ml blood tube	0497011700
				4x10x10ml	1102060012
				4x9x10ml blood tube	1102060013
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	1102060005
Order No.: 0495180510	 Capacity: 4x250ml conical bottle Order No.:1004010017	0495050200	4500rpm/4369×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495180710	 Capacity: 4×500ml Order No.: 1006010009 (without lid) Aerosol tight lid Order No.: 0495061110 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495060400 (without lid) 0495061300 (with lid)	4200rpm/3551×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	1102070007
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×100ml	1102070005
				4×1×250ml	1102070006
	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495060500	4200rpm/3551×g	4×25×2ml	0497013200
				4×25×2ml frozen storage tube	0497013500
				4×22×5ml	0497013300
				4×28×7ml blood tube	0497010100
				4×20×10ml blood tube	1102080003
				4×10×15ml conical tube	0497010500
				4×6×30ml	0497013400
				4×5×50ml conical tube	0497010600
				4×2×100ml	1102080006
				4×1×250ml	1102080007
	 Capacity: 4×2×96 well (micro plate) Order No.: 0495060610	0495060600	4200rpm/3551×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.: 0495180720	0495180700	4200rpm/3551×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.: 0496061010	0495061000	4200rpm/3551×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495190210	 Capacity: 4×700ml Order No.: 0495190120 Note: No suitable bottle,must choose adaptor	0495190200	4000rpm/3425×g	4x24x2ml	0497014900
				4x3x100ml	1102100015
				4×14×15ml conical tube	1102100010
				4×5×50ml conical tube	0497014800
				4×1×250ml conical bottle	1102100008
				4×1×500ml conical bottle	1102100007
	 Capacity: 4×750ml Order No.: 0495190220	0495080300	4000rpm/3327×g	4×24×2ml	0497013900
				4×24×2ml frozen storage tube	0497014000
				4×37×5ml RIA tube	1102100021
				4×24×7ml blood tube	0497014100
				4×18×10ml	0497014200
				4×15×15ml conical tube	0497014400
				4×14×15ml round tube	0497014500
				4×8×30ml	0497014600
				4×7×50ml conical tube	1102100003
				4×3×100ml	1102100004
				4×1×250ml	1102100005
				4×1×500ml	1102100006

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2×3×96 well (micro plate)	0495011000	4000rpm/2146×g	2×24×1.5/2ml	1102040001

Refrigerated | High speed | Benchtop



TGL-19

Order No.:0104070000

TGL-19 is a intelligent, versatile high speed refrigerated centrifuge runs up to 19000rpm. The centrifuge is a large capacity model which can accommodate 0.2ml to 500ml tube/bottle. Fixed angle rotors are compatible with tubes 0.2ml to 100ml. Swing out rotors are compatible with 1.5ml to 500ml tube or bottle, blood tube and microplate. With its leading technologies and many user-friendly functions,it can perfectly meet your centrifugal needs.

We solve two core safety risks

Risk one:Overspeed operation
Solution: Automatic rotor identification to prevent over speed operation

Automatic rotor identification by RFID

1. Static identification. Just put in the rotor, recognize rotor without running.
2. Prevent overspeed. User cannot set RPM/RCF over the rotor's limit.
3. More information. Besides rotor's max speed,centrifuge can identify information such as rotor capacity,production time and remaining life time.
4. Can recognize much more rotors

Risk two:Unbalanced operation
Solution: Imbalance detection in the whole operation process & automatically stop

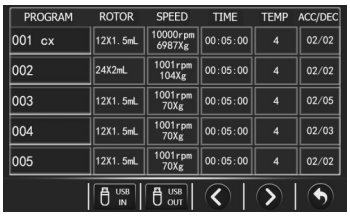
Imbalance sensor:Three axis gyroscope

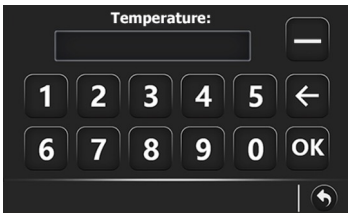
1. Detect imbalance in the whole operation process.
2. Adjust imbalance point automatically.
3. Automatic stop when reach imbalance point.
4. Imbalance detection is more accurate

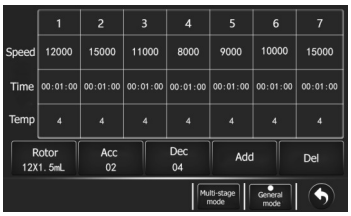


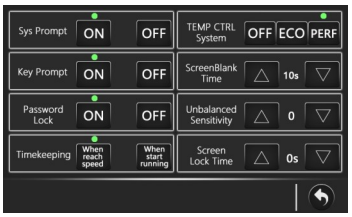
LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>Intelligent status display,real-time and real values
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning









FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>Reservation:can reserve cooling,turn on and turn off time
>Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations.

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Automatic rotor identification by RFID
>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management with permission allocation
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

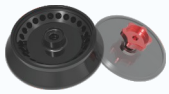
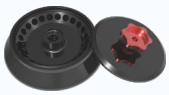
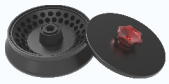
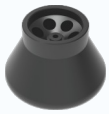
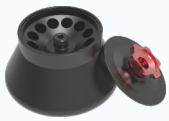
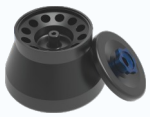
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

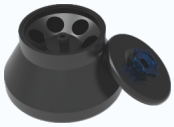
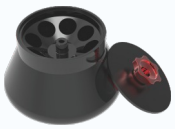
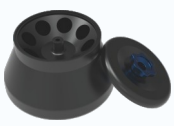
TECHNICAL DATA

Max Speed	19000rpm
Max RCF	29246xg
Max Capacity	4x500ml
Temperature Range	-20°C ～ +40°C
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	⩽56dB(A)
Voltage	220v
Power Consumption	1500w
Dimension(WxDxH)	680x600x420mm
Weight	108kg

AVAILABLE ROTORS

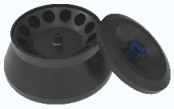
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020200	19000rpm/24135×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml	0494020600	16000rpm/24470×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494020500	17700rpm/29246×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	36×1.5/2ml	0494020800	14000rpm/18275×g	36×1×0.2ml	1101010001
				36×1×0.5ml	1101010002
	48×1.5/2ml	0494020900	13000rpm/17741×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	12×5ml round bottom	0494030200	17000rpm/24232×g	12×1×1.8ml frozen storage tube	1101020002
				12×1×2ml frozen storage tube	1101020004
				12×1×2ml	1101020001
	6×10ml round bottom	0494040100	16000rpm/17601×g	6×1×2ml	1101030001
				6×1×5ml	1101030002
	12×10ml round bottom	0494040200	14000rpm/17070×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	12×15ml conical bottom	0494050200	12000rpm/14730×g	12×1×5ml	1101040001
				12×1×10ml	1101040002

AVAILABLE ROTORS

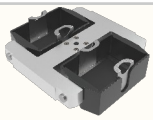
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×50ml round bottom	0494070100	13000rpm/17628×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	6×50ml conical bottom	0494070200	13000rpm/18232×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	1101070012
				6×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				6×1×15ml conical tube	1101070001
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	8×50ml round bottom	0494070400	11000rpm/12513×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	8×50ml conical bottom	0494070500	11000rpm/13365×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	1101070012
				8×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				8×1×15ml conical tube	1101070001
				8×1×25ml	1101070010
				8×1×50ml round tube	1101070002

AVAILABLE ROTORS

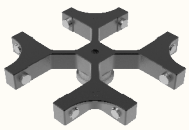
Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×50ml conical bottom	0494070700	9000rpm/11057×g	12×1×2ml	1101070003
				12×1×5ml	1101070004/conical tube 1101070005/round tube
				12×1×7ml	1101070012
				12×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				12×1×15ml	1101070001/conical tube
				12×1×25ml	1101070010
				12×1×50ml	1101070002/round tube
	4×100ml round bottom	0494080100	11000rpm/12743×g	4×1×5ml	1101080007
				4×1×10ml	1101080001
				4×1×15ml conical tube	1101080002
				4×1×30ml	1101080003
				4×1×50ml	1101080005/conical tube 1101080004/round tube
	6×100ml round bottom	0494080200	10000rpm/11604×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube

Swing out rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2×3×96 well (micro plate)	0495011000	4000rpm/2146×g	2×24×1.5/2ml	1102040001

Swing out rotor

Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495180510	 Capacity: 4×300ml Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495050200	4500rpm/3826×g	4×15×1.5/2ml	0497012600
				4x12x5ml	1102060011
				4×16×7ml blood tube	0497011700
				4x10x10ml	1102060012
				4x9x10ml blood tube	1102060013
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	1102060005
	 Capacity: 4x250ml conical bottle Order No.:1004010017	0495050200	4500rpm/4369×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495180710	 Capacity: 4×500ml Order No.: 1006010009 (without lid) Aerosol tight lid Order No.: 0495061110 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495060400 (without lid) 0495061300 (with lid)	4200rpm/3551×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	1102070007
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×100ml	1102070005
				4×1×250ml	1102070006
	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495060500	4200rpm/3551×g	4×25×2ml	0497013200
				4×25×2ml frozen storage tube	0497013500
				4×22×5ml	0497013300
				4×28×7ml blood tube	0497010100
				4×20×10ml blood tube	1102080003
				4×10×15ml conical tube	0497010500
				4×6×30ml	0497013400
				4×5×50ml conical tube	0497010600
				4×2×100ml	1102080006
				4×1×250ml	1102080007
	 Capacity: 4×2×96 well (micro plate) Order No.: 0495060610	0495060600	4200rpm/3551×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.: 0495180720	0495180700	4200rpm/3551×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.: 0496061010	0495061000	4200rpm/3551×g	/	/

Refrigerated | High speed | Benchtop



TGL-17

Order No.:0104040000

TGL-17 is a intelligent, versatile high speed refrigerated centrifuge runs up to 18500rpm. The centrifuge is a large capacity model which can accommodate 0.2ml to 250ml tube/bottle. Fixed angle rotors are compatible with tubes 0.2ml to 100ml. Swing out rotors are compatible with 1.5ml to 250ml tube or bottle, blood tube and microplate. With its leading technologies and many user-friendly functions,it can perfectly meet your centrifugal needs.

We solve two core safety risks

Risk one:Overspeed operation
Solution: Automatic rotor identification to prevent over speed operation

Automatic rotor identification by RFID

1. Static identification. Just put in the rotor, recognize rotor without running.
2. Prevent overspeed. User cannot set RPM/RCF over the rotor's limit.
3. More information. Besides rotor's max speed,centrifuge can identify information such as rotor capacity,production time and remaining life time.
4. Can recognize much more rotors

Risk two:Unbalanced operation
Solution: Imbalance detection in the whole operation process & automatically stop

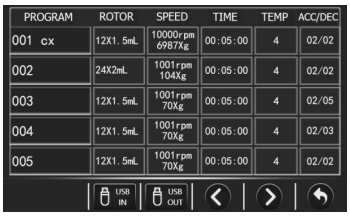
Imbalance sensor:Three axis gyroscope

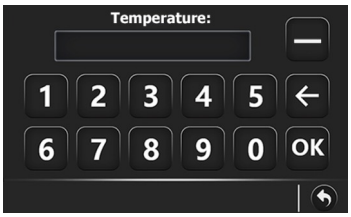
1. Detect imbalance in the whole operation process.
2. Adjust imbalance point automatically.
3. Automatic stop when reach imbalance point.
4. Imbalance detection is more accurate

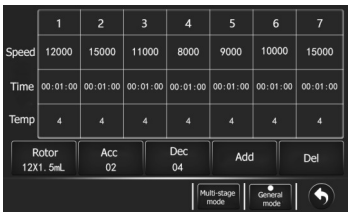


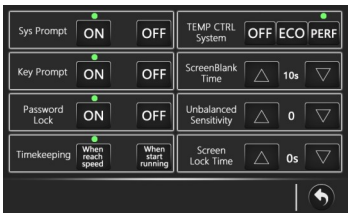
LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>Intelligent status display,real-time and real values
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning









FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>Reservation:can reserve cooling,turn on and turn off time
>Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations.

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Automatic rotor identification by RFID
>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management with permission allocation
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

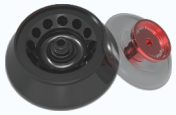
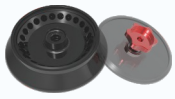
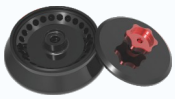
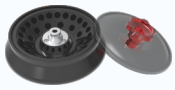
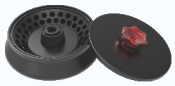
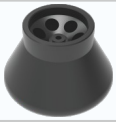
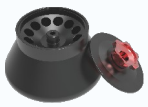
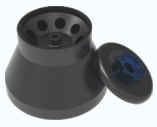
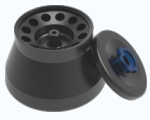
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

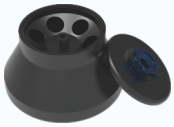
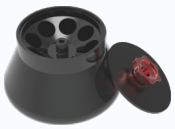
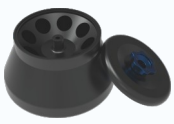
TECHNICAL DATA

Max Speed	18500rpm
Max RCF	28917xg
Max Capacity	4x300ml
Temperature Range	-20°C ～ +40°C
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	⩽56dB(A)
Voltage	220v
Power Consumption	1200w
Dimension(WxDxH)	640x580x375mm
Weight	84kg

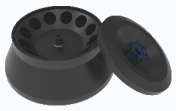
AVAILABLE ROTORS

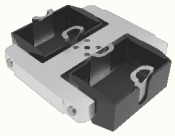
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020200	18500rpm/22881×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml	0494020600	15000rpm/21507×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494020500	17600rpm/28917×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	36×1.5/2ml	0494020800	13000rpm/15757×g	36×1×0.2ml	1101010001
				36×1×0.5ml	1101010002
	48×1.5/2ml	0494020900	12000rpm/15117×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	12×5ml round bottom	0494030200	15000rpm/18866×g	12×1×1.8ml frozen storage tube	1101020002
				12×1×2ml frozen storage tube	1101020004
				12×1×2ml	1101020001
	6×10ml round bottom	0494040100	16000rpm/17601×g	6×1×2ml	1101030001
				6×1×5ml	1101030002
	12×10ml round bottom	0494040200	14000rpm/17070×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	8×15ml conical bottom	0494050100	13000rpm/15323×g	8×1×5ml	1101040001
				8×1×10ml	1101040002
	12×15ml conical bottom	0494050200	12000rpm/14730×g	12×1×5ml	1101040001
				12×1×10ml	1101040002
	6×30ml round bottom	0494060100	13000rpm/15077×g	6×1×5ml	1101050002
				6×1×10ml	1101050001

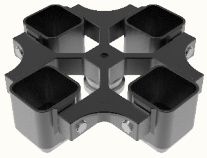
AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×50ml round bottom	0494070100	12000rpm/15020×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	6×50ml conical bottom	0494070200	12000rpm/15535×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	1101070012
				6×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				6×1×15ml conical tube	1101070001
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	8×50ml round bottom	0494070400	11000rpm/12513×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	8×50ml conical bottom	0494070500	11000rpm/13365×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	1101070012
				8×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				8×1×15ml conical tube	1101070001
				8×1×25ml	1101070010
				8×1×50ml round tube	1101070002

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×50ml conical bottom	0494070700	8000rpm/8736×g	12×1×2ml	1101070003
				12×1×5ml	1101070004/conical tube 1101070005/round tube
				12×1×7ml	1101070012
				12×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				12×1×15ml	1101070001/conical tube
				12×1×25ml	1101070010
				12×1×50ml	1101070002/round tube
	4×100ml round bottom	0494080100	11000rpm/12743×g	4×1×5ml	1101080007
				4×1×10ml	1101080001
				4×1×15ml conical tube	1101080002
				4×1×30ml	1101080003
				4×1×50ml	1101080005/conical tube 1101080004/round tube

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2×3×96 well (micro plate)	0495011000	4000rpm/2146×g	2×24×1.5/2ml	1102040001

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×300ml Note: No suitable bottle,must choose adaptor	0495050200	4500rpm/3826×g	4×15×1.5/2ml	0497012600
				4x12x5ml	1102060011
				4×16×2~7ml blood tube	0497011700
				4x10x10ml	1102060012
				4x9x10ml blood tube	1102060013
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	1102060005

Refrigerated | High speed | Benchtop



TGL-1650

Order No.:0104030000

TGL-1650 is a high speed refrigerated centrifuge runs up to 16500rpm. Although the centrifuge is compact ,it can runs up to 6x100ml. The centrifuge has good refrigeration system---imported compressor unit,PID dynamical temperature control. The centrifuge equipped with SHUKE RFID automatic rotor identification technology and imbalance detection by three axis gyroscope.

We solve two core safety risks

Risk one:Overspeed operation
Solution: Automatic rotor identification to prevent over speed operation

Automatic rotor identification by RFID

1. Static identification. Just put in the rotor, recognize rotor without running.
2. Prevent overspeed. User cannot set RPM/RCF over the rotor's limit.
3. More information. Besides rotor's max speed,centrifuge can identify information such as rotor capacity,production time and remaining life time.
4. Can recognize much more rotors

Risk two:Unbalanced operation
Solution: Imbalance detection in the whole operation process & automatically stop

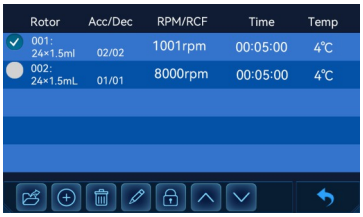
Imbalance sensor:Three axis gyroscope

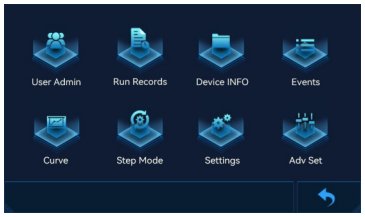
1. Detect imbalance in the whole operation process.
2. Adjust imbalance point automatically.
3. Automatic stop when reach imbalance point.
4. Imbalance detection is more accurate

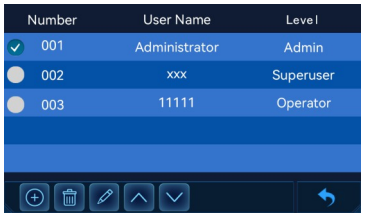


LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>Intelligent status display,real-time and real values
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning









FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>Reservation:can reserve cooling,turn on and turn off time
>Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations.

Refrigeration

>High quality compressor unit
>-20℃ to +40℃ ,1℃ increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module
>Can set cooling stop time on door/standby

Ensure safety

>Automatic rotor identification by RFID
>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management with permission allocation
>Various protections to ensure safe centrifugation

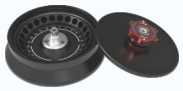
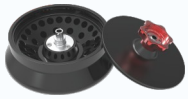
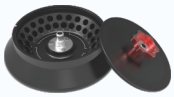
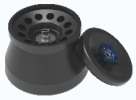
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor
>Rotors are autoclavable

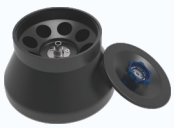
TECHNICAL DATA

Max Speed	16500rpm
Max RCF	24814xg
Max Capacity	6x100ml
Temperature Range	-20℃ ～ +40℃
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	⩽56dB(A)
Voltage	220v
Power Consumption	1200w
Dimension(WxDxH)	520x420x360mm
Weight	56kg

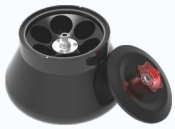
AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020300	16500rpm/19053×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494021200	16000rpm/24814×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	36×1.5/2ml aerosol tight	0494021400	14000rpm/18976×g	36×1×0.2ml	1101010001
				36×1×0.5ml	1101010002
	48×1.5/2ml aerosol tight	0494021300	12000rpm/15793×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	16×5ml round bottom (aerosol tight)	0494030600	15000rpm/21381×g	16×1×1.8ml frozen storage tube	1101020002
				16×1×2ml frozen storage tube	1101020004
				16×1×2ml	1101020001
	6×10ml round bottom (aerosol tight)	0494040500	16000rpm/19004×g	6×1×2ml	1101030001
				6×1×5ml	1101030002
	12×10ml round bottom (aerosol tight)	0494040600	14000rpm/18121×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	8×15ml conical bottom (aerosol tight)	0494050400	14000rpm/17333×g	8×1×5ml	1101040001
				8×1×10ml	1101040002
	12×15ml conical bottom (aerosol tight)	0494050500	11000rpm/13365×g	12×1×5ml	1101040001
				12×1×10ml	1101040002
	6×30ml round bottom (aerosol tight)	0494060300	14000rpm/18472×g	6×1×5ml	1101050002
				6×1×10ml	1101050001

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×50ml round bottom (aerosol tight)	0494071100	12000rpm/15712×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	6×50ml conical bottom (aerosol tight)	0494071200	12000rpm/15712×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	1101070012
				6×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				6×1×15ml	1101070001/conical tube
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	8×50ml round bottom (aerosol tight)	0494071300	11000rpm/13365×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	8×50ml conical bottom (aerosol tight)	0494071400	11000rpm/14041×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	1101070012
				8×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				8×1×15ml	1101070001/conical tube
				8×1×25ml	1101070010
				8×1×50ml round tube	1101070002

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	4×100ml round bottom (aerosol tight)	0494080700	11000rpm/13365×g	4×1×5ml	1101080007
				4×1×10ml	1101080001
				4×1×15ml conical tube	1101080002
				4×1×30ml	1101080003
				4×1×50ml	1101080005/conical tube 1101080004/round tube
	6×100ml round bottom (aerosol tight)	0494080600	9000rpm/9771×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube
	8×8×0.2ml PCR strip	0494010700	13000rpm/14643×g	/	/
	24×2ml frozen storage tube	0494021500	15000rpm/23419×g	/	/

Refrigerated | High speed | Benchtop



TGL-18

Order No.:0104050000

TGL-18 is a high speed refrigerated centrifuge runs up to 18000rpm. Although the centrifuge is compact ,it can runs up to 6x100ml. The centrifuge has good refrigeration system---imported compressor unit,PID dynamical temperature control. The centrifuge equipped with SHUKE RFID automatic rotor identification technology and imbalance detection by three axis gyroscope.

We solve two core safety risks

Risk one:Overspeed operation
Solution: Automatic rotor identification to prevent over speed operation

Automatic rotor identification by RFID

1. Static identification. Just put in the rotor, recognize rotor without running.
2. Prevent overspeed. User cannot set RPM/RCF over the rotor's limit.
3. More information. Besides rotor's max speed,centrifuge can identify information such as rotor capacity,production time and remaining life time.
4. Can recognize much more rotors

Risk two:Unbalanced operation
Solution: Imbalance detection in the whole operation process & automatically stop

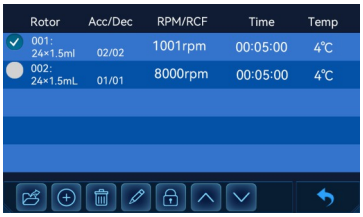
Imbalance sensor:Three axis gyroscope

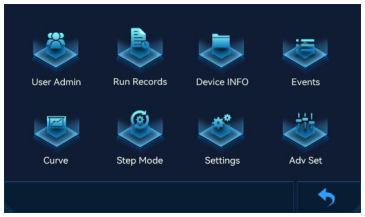
1. Detect imbalance in the whole operation process.
2. Adjust imbalance point automatically.
3. Automatic stop when reach imbalance point.
4. Imbalance detection is more accurate

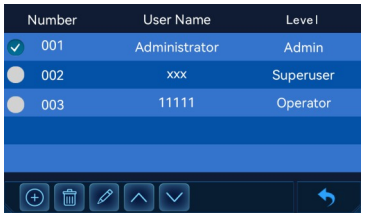


LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>Intelligent status display,real-time and real values
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning









FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>Reservation:can reserve cooling,turn on and turn off time
>Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations.

Refrigeration

>High quality compressor unit
>-20℃ to +40℃ ,1℃ increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module
>Can set cooling stop time on door/standby

Ensure safety

>Automatic rotor identification by RFID
>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management with permission allocation
>Various protections to ensure safe centrifugation

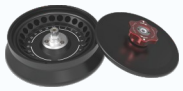
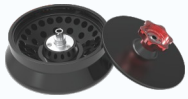
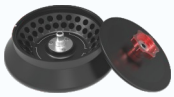
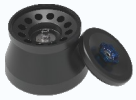
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
>Rotors are autoclavable

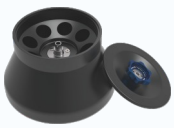
TECHNICAL DATA

Max Speed	18000rpm
Max RCF	29684xg
Max Capacity	6x100ml
Temperature Range	-20℃ ～ +40℃
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	⩽56dB(A)
Voltage	220v
Power Consumption	1200w
Dimension(WxHxD)	520x420x360mm
Weight	56kg

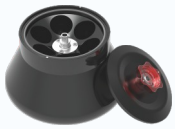
AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020300	18000rpm/22675×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494021200	17500rpm/29684×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	36×1.5/2ml aerosol tight	0494021400	14500rpm/20356×g	36×1×0.2ml	1101010001
				36×1×0.5ml	1101010002
	48×1.5/2ml aerosol tight	0494021300	12000rpm/15793×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	16×5ml round bottom (aerosol tight)	0494030600	15000rpm/21381×g	16×1×1.8ml frozen storage tube	1101020002
				16×1×2ml frozen storage tube	1101020004
				16×1×2ml	1101020001
	6×10ml round bottom (aerosol tight)	0494040500	16000rpm/19004×g	6×1×2ml	1101030001
				6×1×5ml	1101030002
	12×10ml round bottom (aerosol tight)	0494040600	14500rpm/19439×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	8×15ml conical bottom (aerosol tight)	0494050400	14000rpm/17333×g	8×1×5ml	1101040001
				8×1×10ml	1101040002
	12×15ml conical bottom (aerosol tight)	0494050500	11000rpm/13365×g	12×1×5ml	1101040001
				12×1×10ml	1101040002
	6×30ml round bottom (aerosol tight)	0494060300	14000rpm/18472×g	6×1×5ml	1101050002
				6×1×10ml	1101050001

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×50ml round bottom (aerosol tight)	0494071100	12000rpm/15712×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	6×50ml conical bottom (aerosol tight)	0494071200	12000rpm/15712×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	1101070012
				6×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				6×1×15ml	1101070001/conical tube
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	8×50ml round bottom (aerosol tight)	0494071300	11000rpm/13365×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	8×50ml conical bottom (aerosol tight)	0494071400	11000rpm/14041×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	1101070012
				8×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				8×1×15ml	1101070001/conical tube
				8×1×25ml	1101070010
				8×1×50ml round tube	1101070002

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	4×100ml round bottom (aerosol tight)	0494080700	11000rpm/13365×g	4×1×5ml	1101080007
				4×1×10ml	1101080001
				4×1×15ml conical tube	1101080002
				4×1×30ml	1101080003
				4×1×50ml	1101080005/conical tube 1101080004/round tube
	6×100ml round bottom (aerosol tight)	0494080600	9000rpm/9771×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube
	8×8×0.2ml PCR strip	0494010700	13000rpm/14643×g	/	/
	24×2ml frozen storage tube	0494021500	15000rpm/23419×g	/	/

Refrigerated | High speed | Benchtop



TGL-20

Order No.:0104080000

TGL-20 is a high speed refrigerated centrifuge runs up to 20000rpm. Although the centrifuge is compact ,it can runs up to 6x100ml. The centrifuge has good refrigeration system---imported compressor unit,PID dynamical temperature control. The centrifuge equipped with SHUKE RFID automatic rotor identification technology and imbalance detection by three axis gyroscope.

We solve two core safety risks

Risk one:Overspeed operation
Solution: Automatic rotor identification to prevent over speed operation

Automatic rotor identification by RFID

1. Static identification. Just put in the rotor, recognize rotor without running.
2. Prevent overspeed. User cannot set RPM/RCF over the rotor's limit.
3. More information. Besides rotor's max speed,centrifuge can identify information such as rotor capacity,production time and remaining life time.
4. Can recognize much more rotors

Risk two:Unbalanced operation
Solution: Imbalance detection in the whole operation process & automatically stop

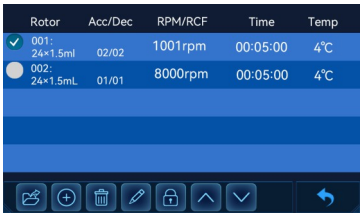
Imbalance sensor:Three axis gyroscope

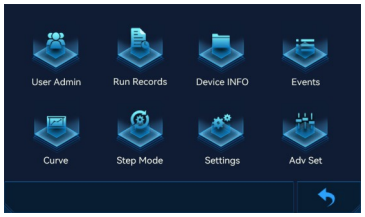
1. Detect imbalance in the whole operation process.
2. Adjust imbalance point automatically.
3. Automatic stop when reach imbalance point.
4. Imbalance detection is more accurate

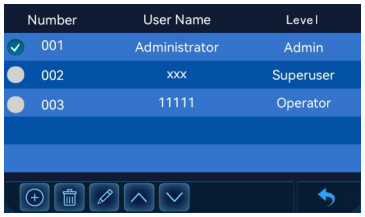


LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>Intelligent status display,real-time and real values
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning









FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>Reservation:can reserve cooling,turn on and turn off time
>Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations.

Refrigeration

>High quality compressor unit
>-20℃ to +40℃ ,1℃ increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module
>Can set cooling stop time on door/standby

Ensure safety

>Automatic rotor identification by RFID
>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management with permission allocation
>Various protections to ensure safe centrifugation

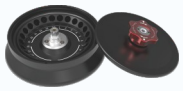
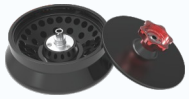
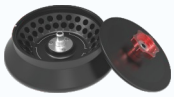
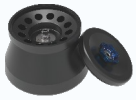
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
>Rotors are autoclavable

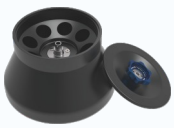
TECHNICAL DATA

Max Speed	20000rpm
Max RCF	31405xg
Max Capacity	6x100ml
Temperature Range	-20℃ ～ +40℃
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	≤56dB(A)
Voltage	220v
Power Consumption	1200w
Dimension(WxDxH)	520x420x360mm
Weight	56kg

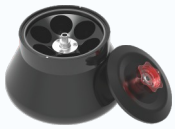
AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020300	20000rpm/27994×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494021200	18000rpm/31405×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	36×1.5/2ml aerosol tight	0494021400	15000rpm/21784×g	36×1×0.2ml	1101010001
				36×1×0.5ml	1101010002
	48×1.5/2ml aerosol tight	0494021300	12500rpm/17136×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	16×5ml round bottom (aerosol tight)	0494030600	15000rpm/21381×g	16×1×1.8ml frozen storage tube	1101020002
				16×1×2ml frozen storage tube	1101020004
				16×1×2ml	1101020001
	6×10ml round bottom (aerosol tight)	0494040500	16000rpm/19004×g	6×1×2ml	1101030001
				6×1×5ml	1101030002
	12×10ml round bottom (aerosol tight)	0494040600	15000rpm/20803×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	8×15ml conical bottom (aerosol tight)	0494050400	14000rpm/17333×g	8×1×5ml	1101040001
				8×1×10ml	1101040002
	12×15ml conical bottom (aerosol tight)	0494050500	11000rpm/13365×g	12×1×5ml	1101040001
				12×1×10ml	1101040002
	6×30ml round bottom (aerosol tight)	0494060300	14000rpm/18472×g	6×1×5ml	1101050002
				6×1×10ml	1101050001

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×50ml round tube (aerosol tight)	0494071100	12500rpm/17049×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	6×50ml conical tube (aerosol tight)	0494071200	12500rpm/17049×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	1101070012
				6×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				6×1×15ml	1101070001/conical tube
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	8×50ml round tube (aerosol tight)	0494071300	11000rpm/13365×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	8×50ml conical tube (aerosol tight)	0494071400	11000rpm/14041×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	1101070012
				8×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				8×1×15ml	1101070001/conical tube
				8×1×25ml	1101070010
				8×1×50ml round tube	1101070002

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	4×100ml (aerosol tight)	0494080700	11000rpm/13365×g	4×1×5ml	1101080007
				4×1×10ml	1101080001
				4×1×15ml conical tube	1101080002
				4×1×30ml	1101080003
				4×1×50ml	1101080005/conical tube 1101080004/round tube
	6×100ml (aerosol tight)	0494080600	9000rpm/9771×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube
	8×8×0.2ml PCR strip	0494010700	13000rpm/14643×g	/	/
	24×2ml frozen storage tube	0494021500	15000rpm/23419×g	/	/

Refrigerated | High speed | Benchtop



TGL-22S

Order No.:0104130000

TGL-22S is a high speed refrigerated centrifuge runs up to 22000rpm. Although the centrifuge is compact ,it can runs up to 6x100ml. The centrifuge has good refrigeration system---imported compressor unit,PID dynamical temperature control. The centrifuge equipped with SHUKE RFID automatic rotor identification technology and imbalance detection by three axis gyroscope.

We solve two core safety risks

Risk one:Overspeed operation
Solution: Automatic rotor identification to prevent over speed operation

Automatic rotor identification by RFID

1. Static identification. Just put in the rotor, recognize rotor without running.
2. Prevent overspeed. User cannot set RPM/RCF over the rotor's limit.
3. More information. Besides rotor's max speed,centrifuge can identify information such as rotor capacity,production time and remaining life time.
4. Can recognize much more rotors

Risk two:Unbalanced operation
Solution: Imbalance detection in the whole operation process & automatically stop

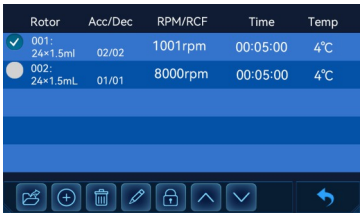
Imbalance sensor:Three axis gyroscope

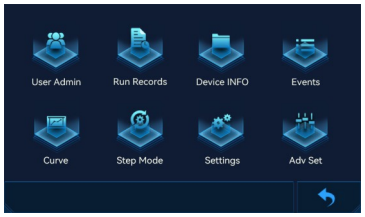
1. Detect imbalance in the whole operation process.
2. Adjust imbalance point automatically.
3. Automatic stop when reach imbalance point.
4. Imbalance detection is more accurate

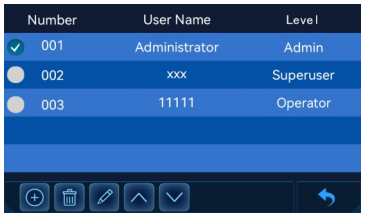


LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>Intelligent status display,real-time and real values
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning









FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>Reservation:can reserve cooling,turn on and turn off time
>Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations.

Refrigeration

>High quality compressor unit
>-20℃ to +40℃ ,1℃ increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module
>Can set cooling stop time on door/standby

Ensure safety

>Automatic rotor identification by RFID
>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>User management with permission allocation
>Various protections to ensure safe centrifugation

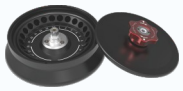
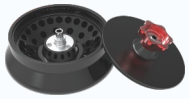
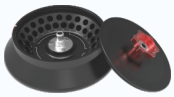
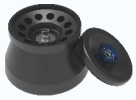
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Steel swing out rotor.
>Rotors are autoclavable

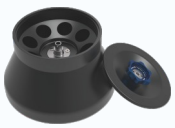
TECHNICAL DATA

Max Speed	22000rpm
Max RCF	33873xg
Max Capacity	6x100ml
Temperature Range	-20℃ ～ +40℃
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	≤56dB(A)
Voltage	220v
Power Consumption	1200w
Dimension(WxDxH)	520x420x360mm
Weight	56kg

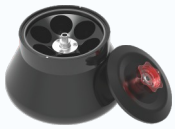
AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020300	22000rpm/33873×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494021200	18000rpm/31405×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	36×1.5/2ml aerosol tight	0494021400	15000rpm/21784×g	36×1×0.2ml	1101010001
				36×1×0.5ml	1101010002
	48×1.5/2ml aerosol tight	0494021300	13000rpm/18535×g	48×1×0.2ml	1101010001
				48×1×0.5ml	1101010002
	16×5ml round bottom (aerosol tight)	0494030600	15000rpm/21381×g	16×1×1.8ml frozen storage tube	1101020002
				16×1×2ml frozen storage tube	1101020004
				16×1×2ml	1101020001
	6×10ml round bottom (aerosol tight)	0494040500	16000rpm/19004×g	6×1×2ml	1101030001
				6×1×5ml	1101030002
	12×10ml round bottom (aerosol tight)	0494040600	15000rpm/20803×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	8×15ml conical bottom (aerosol tight)	0494050400	14000rpm/17333×g	8×1×5ml	1101040001
				8×1×10ml	1101040002
	12×15ml conical bottom (aerosol tight)	0494050500	12500rpm/17259×g	12×1×5ml	1101040001
				12×1×10ml	1101040002
	6×30ml round bottom (aerosol tight)	0494060300	14000rpm/18472×g	6×1×5ml	1101050002
				6×1×10ml	1101050001

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×50ml round tube (aerosol tight)	0494071100	13000rpm/18440×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	6×50ml conical tube (aerosol tight)	0494071200	13000rpm/18440×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	1101070012
				6×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				6×1×15ml	1101070001/conical tube
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	8×50ml round tube (aerosol tight)	0494071300	11000rpm/13365×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	8×50ml conical tube (aerosol tight)	0494071400	11000rpm/14041×g	8×1×2ml	1101070003
				8×1×5ml	1101070004/conical tube 1101070005/round tube
				8×1×7ml	1101070012
				8×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				8×1×15ml	1101070001/conical tube
				8×1×25ml	1101070010
				8×1×50ml round tube	1101070002

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	4×100ml (aerosol tight)	0494080700	11000rpm/13365×g	4×1×5ml	1101080007
				4×1×10ml	1101080001
				4×1×15ml conical tube	1101080002
				4×1×30ml	1101080003
				4×1×50ml	1101080005/conical tube 1101080004/round tube
	6×100ml (aerosol tight)	0494080600	10000rpm/12063×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube
	8×8×0.2ml PCR strip	0494010700	13000rpm/14643×g	/	/
	24×2ml frozen storage tube	0494021500	15000rpm/23419×g	/	/

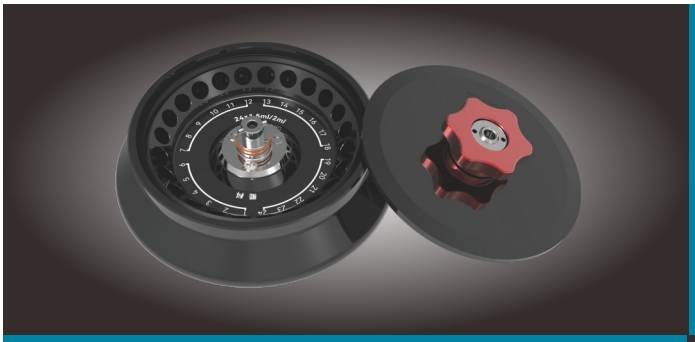
Refrigerated | High speed | Micro



TGL-1850

Order No.:0104060000

FEATURES

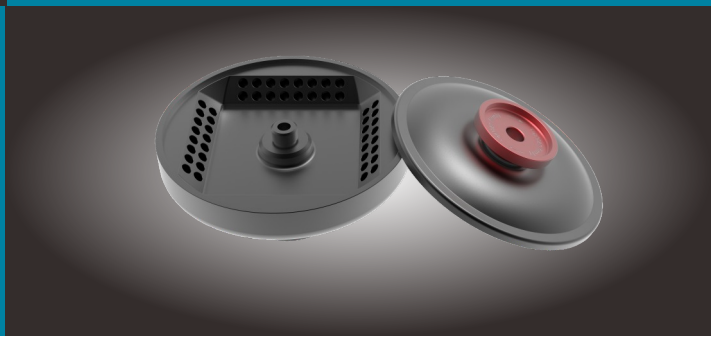


Refrigeration

>-10℃ to +40℃ ,1℃ increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
> With Fast Temp button
>Can set cooling stop time on door/standby

Features

>Automatic rotor identification by RFID
>Imbalance detection with automatic stop running
>Compact design,light weight
>Variable frequency motor,micro processor control
>LCD touch screen for viewing and setting parameters
>Motorized electronic self-priming lid lock
>up to 1000 programs and 1000 run histories
>up to 40 acceleration and deceleration rate
>up to 7 stage multi-stage centrifugation mode available
>Support short spin and continuous centrifugation

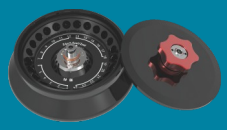


TECHNICAL DATA

Model	TGL-1850	Speed Accuracy	±10rpm
Max Speed	14000rpm	Time Setting	1s ～ 99h59m59s
Max RCF	18845xg	Noise	⩽55dB(A)
Max Capacity	12x5ml	Power Consumption	450w
Temperature Range	-10℃ ～ +40℃	Dimension(WxDxH)	300x510x275mm
Temperature Accuracy	±1℃	Weight	30kg

AVAILABLE ROTORS

No.1



Order No.:0494021100

Rotor:Fixed angle rotor
Capacity:24x1.5/2.2ml
(aerosol tight)
Max speed:14000rpm
Max RCF:18845×g

Adaptor 24x0.2ml
order No.: 1101010001
Adaptor 24x0.5ml
order No.: 1101010002

No.2



Order No.:0494010900

Rotor:Fixed angle rotor
Capacity:8x0.2ml PCR strip
(aerosol tight)
Max speed:14000rpm
Max RCF:15996×g

No.3



Order No.:0494030500

Rotor:Fixed angle rotor
Capacity:12x5ml
(aerosol tight)
Max speed: 14000rpm
Max RCF:15930×g

Adaptor 12x1.5/2ml
order No.: 1101020001

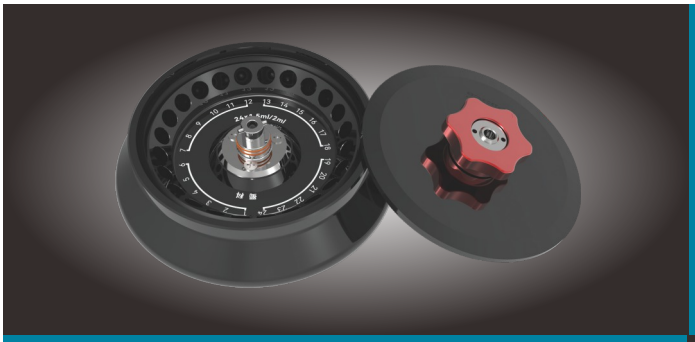
Refrigerated | High speed | Micro



TGL-2150

Order No.:0104110000

FEATURES

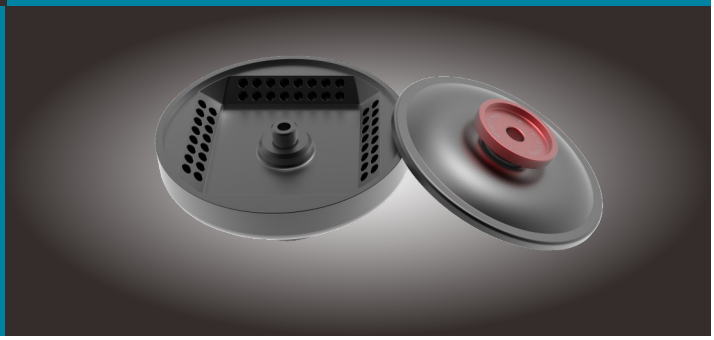


Refrigeration

>-10℃ to +40℃ ,1℃ increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
> With Fast Temp button
>Can set cooling stop time on door/standby

Features

>Automatic rotor identification by RFID
>Imbalance detection with automatic stop running
>Compact design,light weight
>Variable frequency motor,micro processor control
>LCD touch screen for viewing and setting parameters
>Motorized electronic self-priming lid lock
>up to 1000 programs and 1000 run histories
>up to 40 acceleration and deceleration rate
>up to 7 stage multi-stage centrifugation mode available
>Support short spin and continuous centrifugation

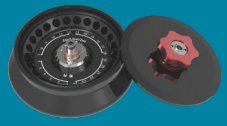


TECHNICAL DATA

Model	TGL-2150	Speed Accuracy	±10rpm
Max Speed	15000rpm	Time Setting	1s ～ 99h59m59s
Max RCF	21633xg	Noise	⩽55dB(A)
Max Capacity	12x5ml	Power Consumption	450w
Temperature Range	-10℃ ～ +40℃	Dimension(WxDxH)	300x510x275mm
Temperature Accuracy	±1℃	Weight	30kg

AVAILABLE ROTORS

No.1



Order No.:0494021100

Rotor:Fixed angle rotor
Capacity:24x1.5/2.2ml
(aerosol tight)
Max speed:15000rpm
Max RCF:21633×g

Adaptor 24x0.2ml
order No.: 1101010001
Adaptor 24x0.5ml
order No.: 1101010002

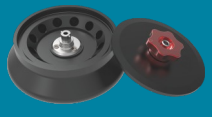
No.2



Order No.:0494010900

Rotor:Fixed angle rotor
Capacity:8x0.2ml PCR strip
(aerosol tight)
Max speed:15000rpm
Max RCF:18363×g

No.3



Order No.:0494030500

Rotor:Fixed angle rotor
Capacity:12x5ml
(aerosol tight)
Max speed: 15000rpm
Max RCF:18287×g

Adaptor 12x1.5/2ml
order No.: 1101020001

Ventilated | Low speed | Floorstanding

DD-6000



Order No.:0101310000

The DD-6000 is a non-refrigerated large capacity floor standing centrifuge with intelligent LCD touch screen. It can spin volume from 1.5ml to 750ml tube/bottle,blood tube,microplate and RIA tube. For blood tube,it can run 140pcs at a time.There's a biosafety rotor which is compatible with 15ml,50ml and blood tube. Running continuously for two hours,the chamber temperature rise is less than 8℃.

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation

LCD touch screen

>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>RPM and RCF covert automatically
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning

Ensure safety

>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: Food grade 304 stainless steel. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor; Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

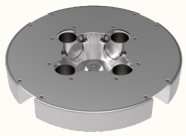
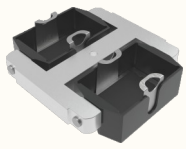
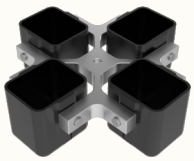
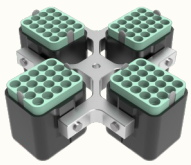
Max Speed	6000rpm
Max RCF	5433xg
Max Capacity	4x800ml
Speed Accuracy	±10rpm
Time Setting	1s ~ 99h59m59s
Noise	≤65dB(A)
Voltage	220v
Power Consumption	1100w
Dimension(WxDxH)	620x680x840mm
Weight	120kg

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×15ml	0494500300	6000rpm/4990×g	12×1×2ml	1102010001/blood tube 1102010008/micro tube
				12×1×7ml blood tube	1102010002
				12×1×10ml blood tube	1102010003
	6×50ml	0494500400	6000rpm/4548×g	6×1×5ml	1102020001
				6×1×10ml	1102020002
				6×1×10ml glass tube	1102020006
				6×1×15ml conical tube	1102020003
				6×1×30ml	1102020004

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495150520	 Capacity: 32×15ml Order No.: 0495031110	0495031100	4000rpm/3094×g	32×1×2ml	1102010008
				32×1×2ml blood tube	1102010001
				32×1×7ml blood tube	1102010002
				32×1×10ml blood tube	1102010003
	 Capacity: 8×50ml Order No.: 0495030410	0495030400	4000rpm/3094×g	8×1×5ml	1102020001
				8×1×10ml	1102020002
				8×1×10ml glass tube	1102020006
				8×1×15ml conical tube	1102020003
				8×1×30ml	1102020004
	 Capacity: 8×100ml Order No.: 0495030610	0495030600	4000rpm/3094×g	8×4×2ml frozen storage tube	1102030009
				8×3×2ml	1102030010
				8×1×5ml	1102030001
				8×1×10ml	1102030002
				8×1×15ml conical tube	1102030003
				8×1×30ml	1102030004
				8×1×50ml	1102030005/round tube 1102030006/conical tube

AVAILABLE ROTORS

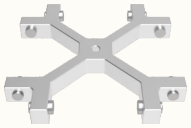
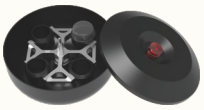
Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×50ml	0495021100	6000rpm/5433×g	4x1x15ml conical tube	1101070001
	Capacity: 2×3×96 well (micro plate)	0495010700	4000rpm/2146×g	2×24×1.5/2ml	1102040001
	 Capacity: 4×300ml Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495050100	4500rpm/3826×g	4×15×1.5/2ml	0497012600
				4x12x5ml	1102060011
				4×16×7ml blood tube	0497011700
				4x10x10ml	1102060012
				4x9x10ml blood tube	1102060013
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	1102060005
Order No.: 0495050110	 Capacity: 4x250ml conical bottle Order No.:1004010017	0495040900	4500rpm/3826×g	/	/
	Capacity: 4×600ml Note: No suitable bottle,must choose adaptor	0495020200	4000rpm/3184×g	4×18×10ml	0497013600
				4×12×15ml conical tube	0497013700
				4×5×50ml conical tube	0497013800
				4x27×2~7ml blood tube decap	0497011400
	Capacity: 80×2~7ml blood tube decap	0495070100	4000rpm/3184×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495180610	 Capacity: 4×500ml Order No.: 1006010009 (without lid) Aerosol tight lid Order No.: 0495061110 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495060100 (without lid) 0495061200 (with lid)	4000rpm/3221×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	1102070007
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×100ml	1102070005
				4×1×250ml	1102070006
	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495060200	4000rpm/3221×g	4×25×2ml	0497013200
				4×25×2ml frozen storage tube	0497013500
				4×22×5ml	0497013300
				4×28×7ml blood tube	0497010100
				4×20×10ml blood tube	1102080003
				4×10×15ml conical tube	0497010500
				4×6×30ml	0497013400
				4×5×50ml conical tube	0497010600
				4×2×100ml	1102080006
				4×1×250ml	1102080007
	 Capacity: 4×2×96 well (micro plate) Order No.: 0495060610	0495060300	4000rpm/3221×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.: 0495180720	0495180600	4000rpm/3221×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.: 0496061010	0495060900	4000rpm/3221×g	/	/

AVAILABLE ROTORS

Swing out rotor

Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495190110	 Capacity: 4×700ml Order No.: 0495190120 Note: No suitable bottle,must choose adaptor	0495190100	4000rpm/3425×g	4x24x2ml	0497014900
				4x3x100ml	1102100015
				4×14×15ml conical tube	1102100010
				4×5×50ml conical tube	0497014800
				4×1×250ml conical bottle	1102100008
				4×1×500ml conical bottle	1102100007
	 Capacity: 4×750ml Order No.: 0495190220	0495080100	4000rpm/3327×g	4×24×2ml	0497013900
				4×24×2ml frozen storage tube	0497014000
				4×37×5ml RIA tube	1102100021
				4×24×7ml blood tube	0497014100
				4×18×10ml	0497014200
				4×15×15ml conical tube	0497014400
				4×14×15ml round tube	0497014500
				4×8×30ml	0497014600
				4×7×50ml conical tube	1102100003
				4×3×100ml	1102100004
				4×1×250ml	1102100005
				4×1×500ml	1102100006
	Capacity: 4×250ml	0495040800	5000rpm/4499×g	4×8×2ml	0497011900
				4×8×2ml frozen storage tube	0497012300
				4×8×5ml	0497012400
				4×5×5ml conical tube	0497012000
				4×10×7ml blood tube	0497012200
				4×9×10ml	1102050014
				4×5×15ml conical tube	0497012100
				4×2×30ml glass tube	1102050012
				4×2×50ml	1102050004
				4×1×100ml	1102050006
	Capacity: 4×800ml Note: No suitable bottle,must choose adaptor	0495090300	4000rpm/3327×g	4×[68×2]×2ml	0497990100
				4×30×2~7ml blood tube	0497011600
				4×35×2~7ml blood tube	0497011500
				4×24×10ml blood tube	0497015000
				4×14×15ml conical tube	1102110003
				4×7×50ml conical tube	1102110004
				4×4×100ml	1102110005
				4×1×250ml	1102110006
				4×1×500ml	1102110007

Ventilated | Low speed | Floorstanding



DD-4000

Order No.:0101250000

The DD-4000 is a non-refrigerated large capacity floor standing centrifuge with LCD and LED dual display. It has large capacity rotor up to 4x1000ml.Widely used in biological laboratories, clinical medicine, pharmaceutical factories and other fields, used for large-scale cell separation, blood separation and other work.

FEATURES

User-friendly functions

>12 user-defined programs
>40 rates acceleration and deceleration
>1s to 99m59s timer range
>LCD&LED screen show parameters simply and clearly
>Water-proof touch key pad,each parameter has corresponding button to set
>RCF can be set directly.RPM/RCF convert automatically
>User can reset parameters when rotor is spinning

Ensure safety

>Imbalance detection by three axis gyroscope
>Microprocessor control
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Various protections to ensure safe centrifugation

Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel. anticorrosion and easy to clean
>Rotor: Steel/Stainless steel swing out rotor.
>Rotors are autoclavable



TECHNICAL DATA

Model	DD-4000
Max Speed	4000rpm
Max RCF	3280xg
Max Capacity	4x1000ml
Speed Accuracy	±10rpm
Time Setting	1s-99m59s/Pulse
Noise	⩽60dB(A)
Power Consumption	1100w
Dimension(WxDxH)	600x700x880mm
Weight	128kg

AVAILABLE ROTORS

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×500ml	0495060100 (without lid) 0495061200 (with lid)	4000rpm/3221×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	1102070007
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×100ml	1102070005
				4×1×250ml	1102070006
	Capacity: 6×500ml	0495060700	3600rpm/3031×g	6x18x2ml	0497013100
				6x14x10ml blood tube	1102070007
				6x1x100ml	1102070005
				6x1x250ml	1102070008
	Capacity: 4×1000ml	0495100100	3600rpm/3280×g	4×24×2ml	0497013900
				4×24×2ml frozen storage tube	0497014000
				4×37×5ml RIA tube	1102100021
				4×24×7ml blood tube	0497014100
				4×18×10ml	0497014200
				4×15×15ml conical tube	0497014400
				4×14×15ml round tube	0497014500
				4×8×30ml	0497014600
				4×5×50ml conical tube	0497014700
				4×3×100ml	1102100004
				4×1×250ml	1102100005
				4×1×500ml	1102120007

Refrigerated | Low speed | Floorstanding



LD-5M

Order No.:0105070000

LD-5M floor standing refrigerated centrifuge can be widely used in pharmaceutical factories, blood banks, biochemistry, biological products production company and scientific research enterprises.It has large capacity 4x800ml,can be equipped with various volumes of swing out rotors,micro plate rotors and blood tube rotors.

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>LCD touch screen for viewing and setting parameters

Refrigeration

>High quality compressor unit
>-20℃ to +40℃ ,1℃ increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

Good components

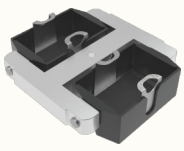
>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel. anticorrosion and easy to clean
>Rotor: Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

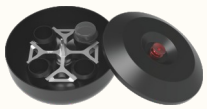
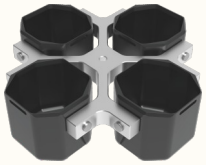
Max Speed	5000rpm
Max RCF	4499xg
Max Capacity	4x800ml
Temperature Range	-20℃ ～ +40℃
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s～ 99h59m59s
Noise	≤62dB(A)
Voltage	220v
Power Consumption	1800w
Dimension(WxDxH)	620x680x840mm
Weight	136kg

AVAILABLE ROTORS

Swing out rotor

Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495030720	 Capacity: 4×50ml Order No.: 0495030310	0495030300	5000rpm/4416×g	4×1×5ml	1102020001
				4×1×10ml	1102020002
				4×1×15ml conical tube	1102020003
				4×1×30ml	1102020004
				4×1×10ml glass tube	1102020006
	 Capacity: 4×100ml Order No.: 0495030510	0495030500	5000rpm/4416×g	4×3×2ml	1102030010
				4×4×2ml frozen storage tube	1102030009
				4×1×5ml	1102030001
				4×1×10ml	1102030002
				4×1×15ml conical tube	1102030003
				4×1×30ml	1102030004
				4×1×50ml	1102030005/round tube 1102030006/conical tube
 Order No.: 0495150520	 Capacity: 32×15ml Order No.: 0495031110	0495031100	4000rpm/3094×g	32×1×2ml	1102010008
				32×1×2ml blood tube	1102010001
				32×1×7ml blood tube	1102010002
				32×1×10ml blood tube	1102010003
	 Capacity: 8×50ml Order No.: 0495030410	0495030400	4000rpm/3094×g	8×1×5ml	1102020001
				8×1×10ml	1102020002
				8×1×10ml glass tube	1102020006
				8×1×15ml conical tube	1102020003
				8×1×30ml	1102020004
	 Capacity: 8×100ml Order No.: 0495030610	0495030600	4000rpm/3094×g	8×4×2ml frozen storage tube	1102030009
				8×3×2ml	1102030010
				8×1×5ml	1102030001
				8×1×10ml	1102030002
				8×1×15ml conical tube	1102030003
				8×1×30ml	1102030004
				8×1×50ml	1102030005/round tube 1102030006/conical tube
	Capacity: 2×3×96 well (micro plate)	0495010200	4000rpm/2146×g	2×24×1.5/2ml	1102040001

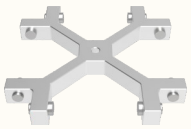
AVAILABLE ROTORS

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×250ml	0495040800	5000rpm/4499×g	4×8×2ml	0497011900
				4×8×2ml frozen storage tube	0497012300
				4×8×5ml	0497012400
				4×5×5ml conical tube	0497012000
				4×10×7ml blood tube	0497012200
				4×9×10ml	1102050014
				4×5×15ml conical tube	0497012100
				4×2×30ml glass tube	1102050012
				4×2×50ml	1102050004
				4×1×100ml	1102050006
	Capacity: 4×800ml Note: No suitable bottle,must choose adaptor	0495090300	4000rpm/3327×g	4×[68×2]×2ml	0497990100
				4×30×2~7ml blood tube	0497011600
				4×35×2~7ml blood tube	0497011500
				4×24×10ml blood tube	0497015000
				4×14×15ml conical tube	1102110003
				4×7×50ml conical tube	1102110004
				4×4×100ml	1102110005
				4×1×250ml	1102110006
				4×1×500ml	1102110007

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495180610	 Capacity: 4×500ml Order No.: 1006010009 (without lid) Aerosol tight lid Order No.: 0495061110 Note: Aerosol tight lid cannot be used when use 500ml bottle	0495060100 (without lid) 0495061200 (with lid)	4200rpm/3551×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	1102070007
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×100ml	1102070005
				4×1×250ml	1102070006
	 Capacity: 4×500ml (square bucket) Order No.: 0495060510 Note: No suitable bottle,must choose adaptor	0495060200	4200rpm/3551×g	4×25×2ml	0497013200
				4×25×2ml frozen storage tube	0497013500
				4×22×5ml	0497013300
				4×28×7ml blood tube	0497010100
				4×20×10ml blood tube	1102080003
				4×10×15ml conical tube	0497010500
				4×6×30ml	0497013400
				4×5×50ml conical tube	0497010600
				4×2×100ml	1102080006
				4×1×250ml	1102080007
	 Capacity: 4×2×96 well (micro plate) Order No.: 0495060610	0495060300	4200rpm/3551×g	4×24×1.5/2ml	1102040001
	 Capacity: 96×2~7ml (blood tube) Order No.: 0495180720	0495180600	4200rpm/3551×g	/	/
	 Capacity: 148×5ml (RIA tube) Order No.: 0496061010	0495060900	4200rpm/3551×g	/	/

AVAILABLE ROTORS

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495190110	 Capacity: 4×700ml Order No.: 0495190120 Note: No suitable bottle,must choose adaptor	0495190100	4000rpm/3425×g	4x24x2ml	0497014900
				4x3x100ml	1102100015
				4×14×15ml conical tube	1102100010
				4×5×50ml conical tube	0497014800
				4×1×250ml conical bottle	1102100008
				4×1×500ml conical bottle	1102100007
	 Capacity: 4×750ml Order No.: 0495190220	0495080100	4000rpm/3327×g	4×24×2ml	0497013900
				4×24×2ml frozen storage tube	0497014000
				4×37×5ml RIA tube	1102100021
				4×24×7ml blood tube	0497014100
				4×18×10ml	0497014200
				4×15×15ml conical tube	0497014400
				4×14×15ml round tube	0497014500
				4×8×30ml	0497014600
				4×7×50ml conical tube	1102100003
				4×3×100ml	1102100004
				4×1×250ml	1102100005
				4×1×500ml	1102100006

Refrigerated | Low speed | Floorstanding



LD-6

Order No.:0103080000

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>User management with permission allocation.
>LCD touch screen for viewing and setting parameters

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1°C high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy saving mode

Ensure safety

>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

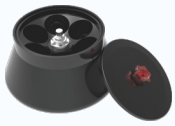
Good components

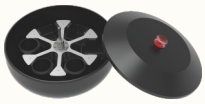
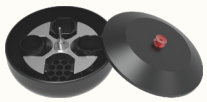
>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: Medical grade 316 stainless steel. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor; Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

Model	LD-6
Max Speed	6000rpm
Max RCF	6367xg
Max Capacity	4x1000ml
Temperature Range	-20°C ～ +40°C
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1S ～ 99h59m59S
Noise	≤60dB(A)
Voltage	220v
Power Consumption	3000w
Dimension(WxDxH)	700x800x830mm
Weight	180kg

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×500ml	0494110300	6000rpm/6367×g	6×7×10ml	1101110007
				6×4×15ml conical tube	1101110001
				6×3×50ml round tube	1101110002
				6×2×50ml conical tube	1101110003
				6×1×100ml	1101110004
				6×1×250ml	1101110005

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 6×500ml	0495060800	5000rpm/5989×g	6x18x2ml	0497013100
				6x14x10ml blood tube	1102070007
				6x1x100ml	1102070005
				6x1x250ml	1102070008
	Capacity: 4×1000ml	0495100200	5000rpm/6316×g	4×24×2ml	0497013900
				4×24×2ml frozen storage tube	0497014000
				4×37×5ml RIA tube	1102100021
				4×24×7ml blood tube	0497014100
				4×18×10ml	0497014200
				4×15×15ml conical tube	0497014400
				4×14×15ml round tube	0497014500
				4×8×30ml	0497014600
				4×5×50ml conical tube	0497014700
				4×3×100ml	1102100004
				4×1×250ml	1102100005
				4×1×500ml	1102120007
	Capacity: 4×blood bag	0012220200	5000rpm/6316×g	/	/

Refrigerated | Low speed | Floorstanding



LD-6M

Order No.:0105230000

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>User management with permission allocation.
>LCD touch screen for viewing and setting parameters

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy saving mode

Ensure safety

>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

Good components

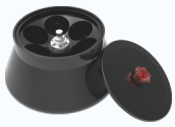
>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: Medical grade 316 stainless steel. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor; Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

Model	LD-6M
Max Speed	6000rpm
Max RCF	6367xg
Max Capacity	6x1000ml
Temperature Range	-20°C ～ +40°C
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1S ～ 99h59m59S
Noise	≤65dB(A)
Voltage	220v
Power Consumption	6000VA
Dimension(WxDxH)	720x870x860mm
Weight	255kg

AVAILABLE ROTORS

Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×500ml	0494110300	6000rpm/6367×g	6×7×10ml	1101110007
				6×4×15ml conical tube	1101110001
				6×3×50ml round tube	1101110002
				6×2×50ml conical tube	1101110003
				6×1×100ml	1101110004
				6×1×250ml	1101110005

Swing out rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 6×1000ml	0495100300	4500rpm/5750×g	6×24×2ml	0497013900
				6×24×2ml frozen storage tube	0497014000
				6×37×5ml RIA tube	1102100021
				6×24×7ml blood tube	0497014100
				6×18×10ml	0497014200
				6×15×15ml conical tube	0497014400
				6×14×15ml round tube	0497014500
				6×8×30ml	0497014600
				6×5×50ml conical tube	0497014700
				6×3×100ml	1102100004
				6×1×250ml	1102100005
				6×1×500ml	1102120007
	Capacity: 60×50ml conical bottom	0495100900	4500rpm/5265×g	/	/
	Capacity: 6×800ml Note: No suitable bottle,must choose adaptor	0495100400	4200rpm/4516×g	6×[68×2]×2ml	0497990100
				6×30×2~7ml blood tube	0497011600
				6×35×2~7ml blood tube	0497011500
				6×24×10ml blood tube	0497015000
				6×14×15ml conical tube	1102110003
				6×7×50ml conical tube	1102110004
				6×4×100ml	1102110005
				6×1×250ml	1102110006
				6×1×500ml	1102110007
	Capacity: 6×blood bag	0495100700	4500rpm/5750×g	/	/

Refrigerated | Low speed | Floorstanding



LD-8M

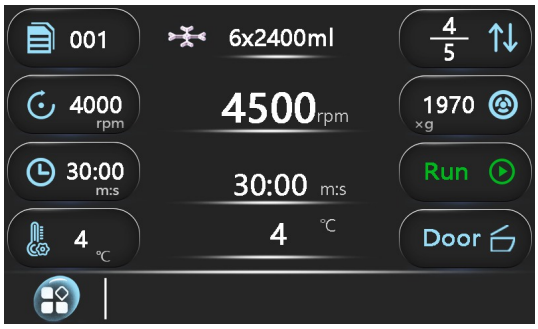
Order No.:0105100000

LD-8M is large capacity refrigerated centrifuge with max capacity 6x2000ml,can run 12 blood bags or 384pcs blood tubes at a time. LCD touch screen for viewing and setting parameters,SHUKE 3.0 version operation system has more functions.

FEATURES

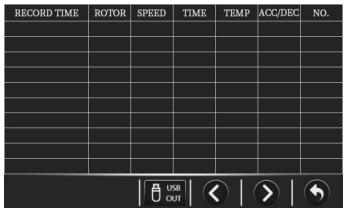
LCD touch screen

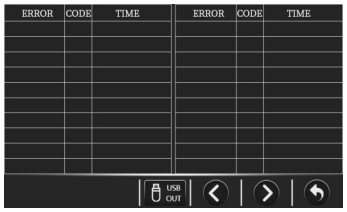
>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly;RCF and RPM convert automatically
>Intelligent status display,real-time and real values
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning











User-friendly functions

>up to 1000 user-defined programs, with password protection
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations
>Can run 12 blood bags at a time
>Can run 384pcs blood bags at a time

Refrigeration

>High quality compressor unit
>-20℃ to +40℃ ,1℃ increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Motorized electronic self-priming door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Various protections to ensure safe centrifugation

Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: Medical grade 316 stainless steel. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor; Steel/Stainless steel swing out rotor.
>Rotors are autoclavable

Multi-level permission assignment

Freely set management permissions according to needs, which is convenient for user management; users can use the device through passwords and electronic identification cards.

Multifunctional operating system

Microprocessor control. Precisely control various parameters through PID adjustment to realize electronic records and electronic signature.

TECHNICAL DATA

Max Speed	8000rpm
Max RCF	14381xg
Max Capacity	6x2000ml/12xblood bag/384pcs blood tube
Temperature Range	-20°C ～ +40°C
Temperature Accuracy	±1℃
Speed Accuracy	±20rpm
Time Setting	1s～ 99h59m59s
Noise	⩽70dB(A)
Power Consumption	7500w
Dimension(WxDxH)	880x960x950mm
Weight	471kg
Power supply	380V 50Hz 20A/220V 50Hz 30A

AVAILABLE ROTORS



Order No.:0495120100

Rotor: Swing out rotor
Capacity: 6×2000ml
Max speed: 4500rpm
Max RCF: 6760×g



Order No.:0495200100

Rotor: Swing out rotor
Capacity: 12xblood bag
Max speed: 4500rpm
Max RCF: 6760×g



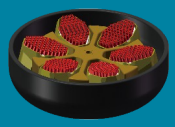
Order No.:0494120300

Rotor: Fixed angle rotor
Capacity: 6×1000ml
Max speed: 8000rpm
Max RCF: 14381×g
Tube size: Φ97×166mm



Order No.:0494110200

Rotor: Fixed angle rotor
Capacity: 6×500ml
Max speed: 8000rpm
Max RCF: 11319×g
Tube size: Φ74×170mm



Order No.:0495200200

Rotor: Swing out rotor
Capacity: 384pcs blood tube
(available 162×15ml/60×50ml adapter)
Max speed: 4000rpm
Max RCF: 4285×g
Tube size: Φ13×75~100mm

Refrigerated | High speed | Floorstanding



LG-18

Order No.:0104200000

The LG-18 is a multipurpose floor standing high speed refrigerated centrifuge with intelligent LCD touch screen.Equipped with RFID rotor identification technology and three-axis gyroscope real-time monitoring technology.It can spin up to 18000rpm,vary rotors for choice to meet different centrifugal needs.

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>LCD touch screen for viewing and setting parameters

Refrigeration

>High quality compressor unit
>-20℃ to +40℃ ,1℃ increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>RFID automatic rotor identification
>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

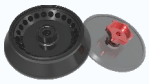
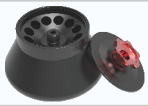
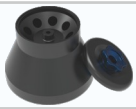
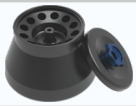
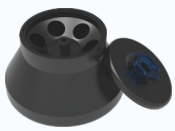
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angel rotor; Aluminum alloy/Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

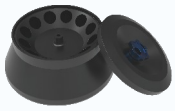
Max Speed	18000rpm
Max RCF	30246xg
Max Capacity	4x250ml
Temperature Range	-20℃ ～ +40℃
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s～ 99h59m59s
Noise	≤60dB(A)
Voltage	220v
Power Consumption	1800w
Dimension(WxDxH)	620x680x840mm
Weight	134kg

AVAILABLE ROTORS

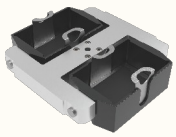
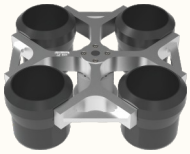
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020200	18000rpm/21661×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml	0494020600	16000rpm/24470×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494020500	18000rpm/30246×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	12×5ml round bottom	0494030200	16000rpm/21465×g	12×1×1.8ml frozen storage tube	1101020002
				12×1×2ml frozen storage tube	1101020004
				12×1×2ml	1101020001
	12×10ml round bottom	0494040200	15000rpm/19595×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	8×15ml conical bottom	0494050100	14000rpm/17771×g	8×1×5ml	1101040001
				8×1×10ml	1101040002
	12×15ml conical bottom	0494050200	12000rpm/14730×g	12×1×5ml	1101040001
				12×1×10ml	1101040002
	6×50ml conical bottom	0494070200	13000rpm/18232×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	1101070012
				6×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				6×1×15ml	1101070001/conical tube
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002

AVAILABLE ROTORS

Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	4×100ml round bottom	0494080100	10000rpm/10531×g	4×1×5ml	1101080007
				4×1×10ml	1101080001
				4×1×15ml conical tube	1101080002
				4×1×30ml	1101080003
				4×1×50ml	1101080005/conical tube 1101080004/round tube
	12×50ml conical bottom	0494070700	10000rpm/13650×g	12×1×2ml	1101070003
				12×1×5ml	1101070004/conical tube 1101070005/round tube
				12×1×7ml	1101070012
				12×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				12×1×15ml	1101070001/conical tube
				12×1×25ml	1101070010
				12×1×50ml round tube	1101070002

Swing out rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2×3×96 well (micro plate)	0495011000	4000rpm/2146×g	2×24×1.5/2ml	1102040001
	Capacity: 4×250ml	0495040200	4500rpm/3644×g	4×8×2ml	0497011900
				4×8×2ml frozen storage tube	0497012300
				4×8×5ml	0497012400
				4×5×5ml conical tube	0497012000
				4×10×7ml blood tube	0497012200
				4×9×10ml	1102050014
				4×5×15ml conical tube	0497012100
				4×2×30ml glass tube	1102050012
				4×2×50ml	1102050004
				4×1×100ml	1102050006

Refrigerated | High speed | Floorstanding

LG-22



Order No.:0104230000

The LG-22 is a multipurpose floor standing high speed refrigerated centrifuge with intelligent LCD touch screen.Equipped with RFID rotor identification technology and three-axis gyroscope real-time monitoring technology.It can spin up to 22000rpm,swing out rotors and fixed angle rotors for choice to meet different centrifugal needs.

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration,speed downs curvely slowly from 600rpm to 0rpm to prevent samples shake
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation
>LCD touch screen for viewing and setting parameters

Refrigeration

>High quality compressor unit
>-20℃ to +40℃ ,1℃ increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>RFID automatic rotor identification
>Imbalance detection by three axis gyroscope
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Various protections to ensure safe centrifugation
>With never be lost electronic instruction manual

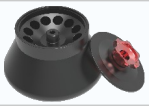
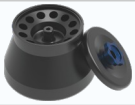
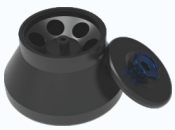
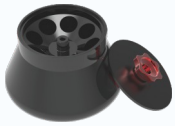
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel. anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angel rotor; Aluminum alloy/Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

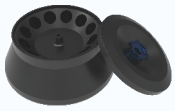
Max Speed	22000rpm
Max RCF	32358xg
Max Capacity	4x750ml
Temperature Range	-20℃ ～ +40℃
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s～ 99h59m59s
Noise	⩽60dB(A)
Voltage	220v
Power Consumption	1800w
Dimension(WxDxH)	620x680x840mm
Weight	134kg

AVAILABLE ROTORS

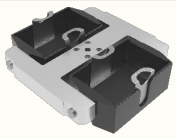
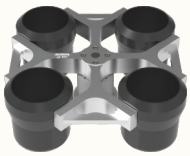
Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×1.5/2ml	0494020200	22000rpm/32358×g	12×1×0.2ml	1101010001
				12×1×0.5ml	1101010002
	24×1.5/2ml	0494020600	16500rpm/26024×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	24×1.5/2ml aerosol tight	0494020500	18000rpm/30246×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	12×5ml round bottom	0494030200	17000rpm/24232×g	12×1×1.8ml frozen storage tube	1101020002
				12×1×2ml frozen storage tube	1101020004
				12×1×2ml	1101020001
	12×10ml round bottom	0494040200	15000rpm/19595×g	12×1×2ml	1101030001
				12×1×5ml	1101030002
	12×15ml conical bottom	0494050200	13000rpm/17288×g	12×1×5ml	1101040001
				12×1×10ml	1101040002
	6×50ml conical bottom	0494070200	13000rpm/18232×g	6×1×2ml	1101070003
				6×1×5ml	1101070004/conical tube 1101070005/round tube
				6×1×7ml	1101070012
				6×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				6×1×15ml	1101070001/conical tube
				6×1×25ml	1101070010
				6×1×50ml round tube	1101070002
	6×50ml round bottom	0494070100	13000rpm/17628×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	8×50ml round bottom	0494070400	11000rpm/12513×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002

AVAILABLE ROTORS

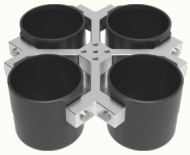
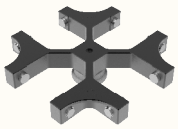
Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	4×100ml round bottom	0494080100	11000rpm/12743×g	4×1×5ml	1101080007
				4×1×10ml	1101080001
				4×1×15ml conical tube	1101080002
				4×1×30ml	1101080003
				4×1×50ml	1101080005/conical tube 1101080004/round tube
	12×50ml conical tube	0494070700	10000rpm/13650×g	12×1×2ml	1101070003
				12×1×5ml	1101070004/conical tube 1101070005/round tube
				12×1×7ml	1101070012
				12×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				12×1×15ml	1101070001/conical tube
				12×1×25ml	1101070010
				12×1×50ml round tube	1101070002

Swing out rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 2×3×96 well (micro plate)	0495011000	4000rpm/2146×g	2×24×1.5/2ml	1102040001
	Capacity: 4×250ml	0495040200	4500rpm/3644×g	4×8×2ml	0497011900
				4×8×2ml frozen storage tube	0497012300
				4×8×5ml	0497012400
				4×5×5ml conical tube	0497012000
				4×10×7ml blood tube	0497012200
				4×9×10ml	1102050014
				4×5×15ml conical tube	0497012100
				4×2×30ml glass tube	1102050012
				4×2×50ml	1102050004
				4×1×100ml	1102050006

AVAILABLE ROTORS

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×500ml	0495060400 (without lid) 0495061300 (with lid)	4200rpm/3551×g	4×18×2ml	0497012700
				4×18×2ml frozen storage tube	0497012900
				4×19×7ml blood tube	0497010200
				4×12×10ml	0497012800
				4×14×10ml blood tube	1102070007
				4×9×15ml conical tube	0497010300
				4×4×50ml conical tube	0497010400
				4×2×100ml	0497013000
				4×1×100ml	1102070005
				4×1×250ml	1102070006
	Capacity: 4×750ml	0495080300	4000rpm/3327×g	4×24×2ml	0497013900
				4×24×2ml frozen storage tube	0497014000
				4×37×5ml RIA tube	1102100021
				4×24×7ml blood tube	0497014100
				4×18×10ml	0497014200
				4×15×15ml conical tube	0497014400
				4×14×15ml round tube	0497014500
				4×8×30ml	0497014600
				4×7×50ml conical tube	1102100003
				4×3×100ml	1102100004
				4×1×250ml	1102100005
				4×1×500ml	1102100006
 Order No.: 0495180510	 Capacity: 4×300ml Order No.:0495050220 Note: No suitable bottle,must choose adaptor	0495050200	4500rpm/3826×g	4×15×1.5/2ml	0497012600
				4×16×7ml blood tube	0497011700
				4×9×15ml conical tube	0497011200
				4×4×50ml conical tube	0497011300
				4×1×100ml	0497012500
				4×1×250ml	1102060005
	 Capacity: 4x250ml conical bottle Order No.:1004010017	0495041100	4500rpm/4369×g	/	/

Refrigerated | High speed | Floorstanding



LG-10M

Order No.:0105110000

The LG-10M is a floor standing high speed refrigerated centrifuge with intelligent LCD touch screen,the max capacity is up to 6x1000ml,which is popular in vaccine production, large-capacity fermentation products, cell culture, etc.

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>LCD touch screen for viewing and setting parameters
>Support short spin and continuous centrifugation
>Automatic door open without manual lifting
>Automatic rotor lock, without using any tools.

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Automatic rotor recognition to prevent overspeed
>Motorized electronic self-priming door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Various protections to ensure safe centrifugation
>User management by password, with permission allocation

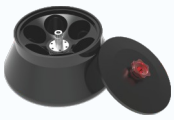
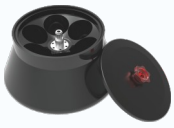
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel. anticorrosion and easy to clean
>Rotor: Strong metal rotor
>Rotors are autoclavable

TECHNICAL DATA

Model	LG-10M
Max Speed	10000rpm
Max RCF	18581xg
Max Capacity	6x1000ml
Temperature Range	-20°C ～ +40°C
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	≤65dB(A)
Voltage	220v
Power Consumption	5000w
Dimension(WxDxH)	720x740x900mm
Weight	250kg

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×250ml flat bottom	0494090200	10000rpm/16456×g	6×5×15ml conical bottom	1101090005
				6×1×50ml conical bottom	1101100002
				6×1×50ml round bottom	1101100001
				6×1×100ml round bottom	1101100003
	6×500ml flat bottom	0494110100	10000rpm/18581×g	6×7×10ml round bottom	1101110007
				6×4×15ml conical tube	1101110001
				6×3×50ml round tube	1101110002
				6×2×50ml conical tube	1101110003
				6×1×100ml round bottom	1101110004
				6×1×250ml flat bottom	1101110005
	6×1000ml flat bottom	0494120200	8000rpm/15054×g	6×14×15ml conical tube	0496010100
				6×5×50ml conical tube	0496010200
				6×1×250ml	1101120001
				6×1×500ml	1101120002

Refrigerated | High speed | Floorstanding

LG-16M



Order No.:0105130000

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>LCD touch screen for viewing and setting parameters
>Support short spin and continuous centrifugation
>Automatic door open without manual lifting
>Automatic rotor lock, without using any tools.

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Automatic rotor recognition to prevent overspeed
>Motorized electronic self-priming door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Various protections to ensure safe centrifugation
>User management by password, with permission allocation

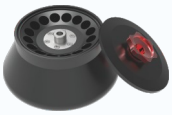
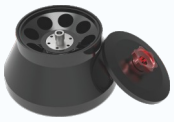
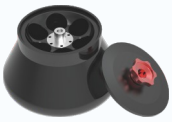
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel. anticorrosion and easy to clean
>Rotor: Strong metal rotor
>Rotors are autoclavable

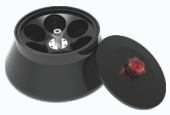
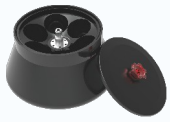
TECHNICAL DATA

Model	LG-16M
Max Speed	16000rpm
Max RCF	30395xg
Max Capacity	6x500ml
Temperature Range	-20°C ～ +40°C
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	≤65dB(A)
Voltage	220v
Power Consumption	5000w
Dimension(WxDxH)	720x740x900mm
Weight	250kg

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	24×1.5/2ml	0494020700	16000rpm/26560×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	16×10ml round bottom	0494040300	16000rpm/27533×g	16×1×2ml	1101030001
				16×1×5ml	1101030002
	6×50ml round bottom	0494070900	16000rpm/28620×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	8×50ml round bottom	0494070600	16000rpm/30395×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	6×100ml round bottom	0494080300	14000rpm/23665×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×250ml flat bottom	0494090200	10000rpm/16456×g	6×5×15ml	1101090005
				6×1×50ml	1101100002/conical tube 1101100001/round tube
				6×1×100ml	1101100003
	6×500ml flat bottom	0494110100	8000rpm/11891×g	6×7×10ml	1101110007
				6×4×15ml conical tube	1101110001
				6×3×50ml round tube	1101110002
				6×2×50ml conical tube	1101110003
				6×1×100ml	1101110004
				6×1×250ml	1101110005

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×750ml	0495080200	4000rpm/3577×g	4×24×2ml	0497013900
				4×24×2ml frozen storage tube	0497014000
				4×37×5ml RIA tube	1102100021
				4×24×7ml blood tube	0497014100
				4×18×10ml	0497014200
				4×15×15ml conical bottom	0497014400
				4×14×15ml round bottom	0497014500
				4×8×30ml	0497014600
				4×7×50ml conical tube	1102100003
				4×3×100ml	1102100004
				4×1×250ml	1102100005
				4×1×500ml	1102100006

Refrigerated | High speed | Floorstanding

LG-21M



Order No.:0105240000

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>LCD touch screen for viewing and setting parameters
>Support short spin and continuous centrifugation
>Automatic door open without manual lifting
>Automatic rotor lock, without using any tools.

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Automatic rotor recognition to prevent overspeed
>Motorized electronic self-priming door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Various protections to ensure safe centrifugation
>User management by password, with permission allocation

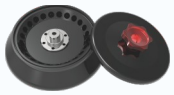
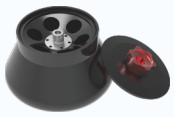
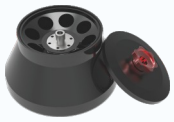
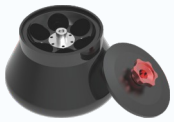
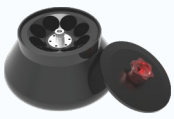
Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 316 stainless steel. anticorrosion and easy to clean
>Rotor: Strong metal rotor
>Rotors are autoclavable

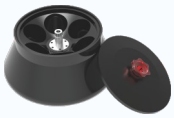
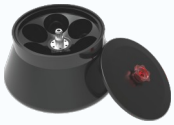
TECHNICAL DATA

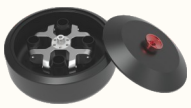
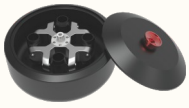
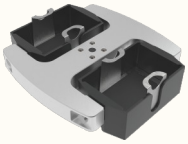
Model	LG-21M
Max Speed	21000rpm
Max RCF	47430xg
Max Capacity	6x500ml
Temperature Range	-20°C ～ +40°C
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	≤65dB(A)
Voltage	220v
Power Consumption	5000w
Dimension(WxDxH)	720x740x900mm
Weight	250kg

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	24×1.5/2ml	0494020700	21000rpm/45753×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	16×10ml round bottom	0494040300	21000rpm/47430×g	16×1×2ml	1101030001
				16×1×5ml	1101030002
	6×50ml round bottom	0494070900	20000rpm/44720×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	8×50ml round bottom	0494070600	18000rpm/38469×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	6×100ml round bottom	0494080300	16000rpm/30910×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube
	8×100ml round bottom	0494080400	12000rpm/20268×g	8×1×5ml	1101080007
				8×1×10ml	1101080001
				8×1×15ml conical tube	1101080002
				8×1×30ml	1101080003
				8×1×50ml	1101080005/conical tube 1101080004/round tube
	4×250ml flat bottom	0494090400	14000rpm/29253×g	4×5×15ml	1101090005
				4×1×50ml	1101100002/conical tube 1101100001/round tube
				4×1×100ml	1101100003

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×250ml flat bottom	0494090200	12000rpm/23698×g	6×5×15ml	1101090005
				6×1×50ml	1101100002/conical tube 1101100001/round tube
				6×1×100ml	1101100003
	6×500ml flat bottom	0494110100	10000rpm/18581×g	6×7×10ml	1101110007
				6×4×15ml conical tube	1101110001
				6×3×50ml round tube	1101110002
				6×2×50ml conical tube	1101110003
				6×1×100ml	1101110004
				6×1×250ml	1101110005

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×4×5ml	0495130300	12000rpm/12074×g	/	/
	Capacity: 4×30ml	0495130100	13000rpm/23806×g	/	/
	Capacity: 4×50ml	0495130200	10000rpm/16099×g	/	/
	Capacity: 2×3×96 well (micro plate)	0495011100	4000rpm/2146×g	2×24×1.5/2ml	1102040001

Refrigerated | High speed | Floorstanding



LG-22M

Order No.:0105170000

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>LCD touch screen for viewing and setting parameters
>Support short spin and continuous centrifugation
>Automatic door open without manual lifting
>Automatic rotor lock, without using any tools.

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1°C high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Automatic rotor recognition to prevent overspeed
>Motorized electronic self-priming door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Various protections to ensure safe centrifugation
>User management by password, with permission allocation

Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: Medical grade 316 stainless steel. anticorrosion and easy to clean
>Rotor: Strong metal rotor
>Rotors are autoclavable

Multi-level permission assignment

Freely set management permissions according to needs, which is convenient for user management; users can use the device through passwords and electronic identification cards.

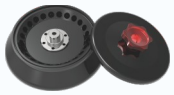
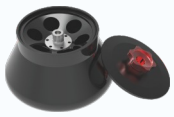
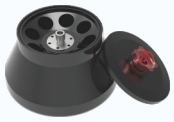
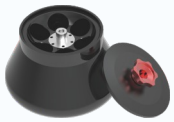
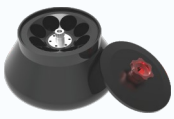
Multifunctional operating system

Microprocessor control. Precisely control various parameters through PID adjustment to realize electronic records and electronic signature.

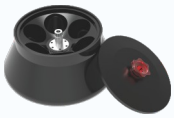
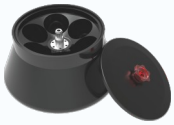
TECHNICAL DATA

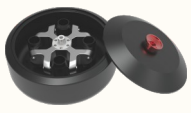
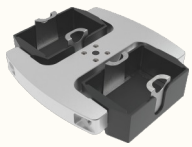
Max Speed	LG-22M	Time Setting	1s ～ 99h59m59s
Max RCF	22000rpm	Noise	⩽65dB(A)
Max Capacity	52054xg	Voltage	220v
Temperature Range	6x1000ml	Power Consumption	5000w
Temperature Accuracy	-20°C ～ +40°C	Dimension(WxDxH)	720x740x900mm
Speed Accuracy	±10rpm	Weight	250kg

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	24×1.5/2ml	0494020700	21000rpm/45753×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	16×10ml round bottom	0494040300	22000rpm/52054×g	16×1×2ml	1101030001
				16×1×5ml	1101030002
	6×50ml round bottom	0494070900	20000rpm/44720×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	8×50ml round bottom	0494070600	18000rpm/38469×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	6×100ml round bottom	0494080300	16000rpm/30910×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube
	8×100ml round bottom	0494080400	12000rpm/20268×g	8×1×5ml	1101080007
				8×1×10ml	1101080001
				8×1×15ml conical tube	1101080002
				8×1×30ml	1101080003
				8×1×50ml	1101080005/conical tube 1101080004/round tube
	4×250ml flat bottom	0494090400	14000rpm/29253×g	4×5×15ml	1101090005
				4×1×50ml	1101100002/conical tube 1101100001/round tube
				4×1×100ml	1101100003

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×250ml flat bottom	0494090200	12000rpm/23698×g	6×5×15ml	1101090005
				6×1×50ml	1101100002/conical tube 1101100001/round tube
				6×1×100ml	1101100003
	6×500ml flat bottom	0494110100	10000rpm/18581×g	6×7×10ml	1101110007
				6×4×15ml conical tube	1101110001
				6×3×50ml	1101110002
				6×2×50ml conical tube	1101110003
				6×1×100ml	1101110004
				6×1×250ml	1101110005
	6×1000ml flat bottom	0494120200	7000rpm/11526×g	6×14×15ml conical tube	0496010100
				6×5×50ml conical tube	0496010200
				6×1×250ml	1101120001
				6×1×500ml	1101120002

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×50ml	0495130200	10000rpm/16099×g	/	/
	Capacity: 2×3×96 well (micro plate)	0495011100	4000rpm/2146×g	2×24×1.5/2ml	1102040001

Refrigerated | High speed | Floorstanding



LG-25M

Order No.:0105200000

LG-25M is a high capacity centrifuge which can run 6L at a time,fixed angle rotor can accommodate 6x1000ml capacity at most. The centrifuge can run 25000rpm,and temperature range is from -20°C to +40°C.

FEATURES

User-friendly functions

>up to 1000 user-defined programs
>up to 1000 run histories, 100000 operation logs, can be exported via USB
>up to 40 rates acceleration and deceleration
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>LCD touch screen for viewing and setting parameters
>Support short spin and continuous centrifugation
>Automatic door open without manual lifting
>Automatic rotor lock, without using any tools.

Refrigeration

>High quality compressor unit
>-20°C to +40°C ,1°C increment
>±1°C high temperature accuracy
>CFC-free refrigerant
>PID dynamic temperature control
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin
>With ECO energy-saving module

Ensure safety

>Automatic rotor recognition to prevent overspeed
>Motorized electronic self-priming door lock
>Door cannot be opened when rotor is spinning
>Gas hinges to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Various protections to ensure safe centrifugation
>User management by password, with permission allocation

Good components

>Motor: Brushless variable frequency motor. stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: Medical grade 316 stainless steel. anticorrosion and easy to clean
>Rotor: Strong metal rotor
>Rotors are autoclavable

Multi-level permission assignment

Freely set management permissions according to needs, which is convenient for user management; users can use the device through passwords and electronic identification cards.

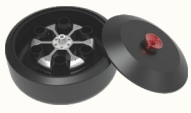
Multifunctional operating system

Microprocessor control. Precisely control various parameters through PID adjustment to realize electronic records and electronic signature.

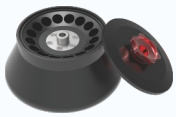
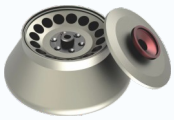
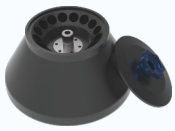
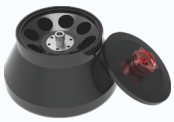
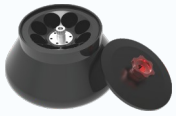
TECHNICAL DATA

Max Speed	25000rpm
Max RCF	65018xg
Max Capacity	6x1000ml
Temperature Range	-20℃ ~ +40℃
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s ~ 99h59m59s
Noise	≤65dB(A)
Voltage	220v
Power Consumption	5000w
Dimension(WxDxH)	720x740x900mm
Weight	250kg

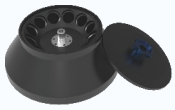
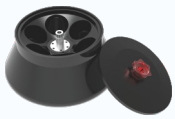
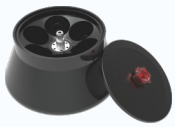
AVAILABLE ROTORS

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×750ml	0495080200	5000rpm/5590×g	4×24×2ml	0497013900
				4×24×2ml frozen storage tube	0497014000
				4×37×5ml RIA tube	1102100021
				4×24×7ml blood tube	0497014100
				4×18×10ml	0497014200
				4×15×15ml conical bottom	0497014400
				4×14×15ml round bottom	0497014500
				4×8×30ml	0497014600
				4×7×50ml conical tube	1102100003
				4×3×100ml	1102100004
				4×1×250ml	1102100005
				4×1×500ml	1102100006
	Capacity: 6×50ml	0495130400	10000rpm/15685×g	/	/

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	24×1.5/2ml	0494020700	25000rpm/64844×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	16×10ml round bottom	0494040300	23000rpm/56894×g	16×1×2ml	1101030001
				16×1×5ml	1101030002
	16×10ml round bottom (titanium alloy)	0494040700	24600rpm/65018×g	16×1×2ml	1101030001
				16×1×5ml	1101030002
	16×15ml conical bottom	0494050300	18000rpm/41656×g	16×1×5ml	1101040001
				16×1×10ml	1101040002
	8×50ml round bottom	0494070600	21000rpm/52360×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	8×100ml round bottom	0494080400	15000rpm/31670×g	8×1×5ml	1101080007
				8×1×10ml	1101080001
				8×1×15ml conical tube	1101080002
				8×1×30ml	1101080003
				8×1×50ml	1101080005/conical tube 1101080004/round tube

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×50ml conical bottom	0494070800	14000rpm/31335×g	12×1×2ml	1101070003
				12×1×5ml	1101070004/conical tube 1101070005/round tube
				12×1×7ml	1101070012
				12×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				12×1×15ml	1101070001/conical tube
				12×1×25ml	1101070010
				12×1×50ml round tube	1101070002
	6×250ml flat bottom	0494090200	14000rpm/32255×g	6×5×15ml	1101090005
				6×1×50ml	1101100002/conical tube 1101100001/round tube
				6×1×100ml	1101100003
	6×500ml flat bottom	0494110100	10000rpm/18581×g	6×7×10ml	1101110007
				6×4×15ml conical tube	1101110001
				6×3×50ml	1101110002
				6×2×50ml conical tube	1101110003
				6×1×100ml	1101110004
				6×1×250ml	1101110005
	6×1000ml flat bottom	0494120200	8000rpm/15054×g	6×14×15ml conical tube	0496010100
				6×5×50ml conical tube	0496010200
				6×1×250ml	1101120001
				6×1×500ml	1101120002

Blood tube automatic decap centrifuge



DD-5G
(Biosafety)

Order No.:0101300000

The DD-5G automatic decap centrifuge ,equipped with blood tube automatic decap design,solves the problem of manual cap removal and sample remixing. It is an essential instrument for blood centrifugation in medical units.

FEATURES

User-friendly functions
>up to 1000 user-defined programs
>up to 1000 run histories
>up to 40 rates acceleration and deceleration
>up to 7 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Support short spin and continuous centrifugation

LCD touch screen
>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>RPM and RCF covert automatically
>User can set parameters even with gloves
>User can reset parameters when rotor is spinning

Ensure safety
>Imbalance detection by three axis gyroscope
>Electronic lid lock, controlled by independent motor
>Lid can only be opened when completely stop running
>Gas hinges support the lid
>Port in the lid for calibration and operation checking
>Emergency lid-lock release
>Password to lock the device
>Various protections to ensure safe centrifugation

Good components
>Motor: Variable frequency motor.
stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel.
anticorrosion and easy to clean
>Rotor: Stainless steel swing out rotor.
>Rotors are autoclavable

>With a unique primary,medium and high efficiency filtration system,it can filter out the harmful gas generated after decap in time, efficiently avoid cross-infection of samples and reducing the risk of infection for operator.

>With UV sterilization function, independent switch control.

TECHNICAL DATA

Max Speed	5000rpm
Max RCF	4499xg
Max Capacity	140pcs blood tubes
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	⩽60dB(A)
Power Consumption	1100w
Dimension(WxDxH)	620x680x840mm
Weight	120kg

Principle of decap>>



1 After putting down the tubes, there will be a gap between bottom of tubes and bottom of adapter.



2 Blood tubes will down to the bottom of adapter because of centrifugal force,but caps of blood tubes cannot down to the bottom since they are bigger than holes of adapter, so the caps are separated from tubes.

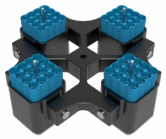
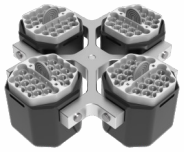


3 After centrifugation, take out the uppermost part of adapter .



4 Empty out the caps .

AVAILABLE ROTORS

Rotor	Swing rotor	Decap rotor	Decap rotor	Decap rotor	Decap rotor	Decap rotor
Picture	 **Order No.:**0495040800	 **Order No.:**0495180800	 **Order No.:**0495070100	 **Order No.:**0495070200	 **Order No.:**0495090200	 **Order No.:**0495090100
Capacity	4×250ml	64×2~7ml	80×2~7ml	108×2~7ml	120×2~7ml	140×2~7ml
Max Speed	5000r/min	4000r/min	4000r/min	4000r/min	4000r/min	4000r/min
Max RCF	4499×g	3023×g	3184×g	3184×g	3327×g	3327×g

PRP centrifuge



TD-450

Order No.:0101070000

TD-450 is an ideal centrifuge for prp,it is compatible with prp tube,dr prp tube,ycellbio tube, and syringe.

FEATURES



User-friendly functions

>up to 100 user-defined programs
>up to 20 rates acceleration and deceleration
>up to 99h59m59s timer range
>up to 5 stages multi-stage centrifugation mode available
>LED screen shows important parameters
>RCF can be set directly
>2 timer modes optional: HH:MM; MM:SS
>User can reset parameters when rotor is spinning

Ensure safety

>Microprocessor control
>Electronic lid lock, controlled by independent motor
>Lid can only be opened when completely stop spin
>Hydraulic rod supports the lid
>Port in the lid for calibration and operation checking
>Emergency lid-lock release

Good components

>Motor: Variable frequency motor.
stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel.
anticorrosion and easy to clean
>Rotor: Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

Model	TD-450	Time Setting	1s ～ 99h59m59s
Max Speed	4000rpm	Noise	≤65dB(A)
Max RCF	3207xg	Power Consumption	500w
Max Capacity	4x50ml	Dimension(WxDxH)	430x550x350mm
Speed Accuracy	±10rpm	Weight	39kg

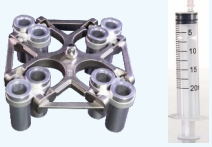
AVAILABLE ROTORS

No.1



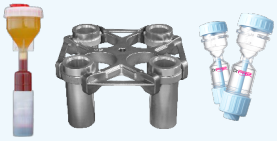
Order No.:10001600109
Rotor:16×10ml syringe
Max speed:4000r/min
Max RCF:3094×g

No.2



Order No.:10000800209
Rotor:8×20ml syringe
Max speed:4000r/min
Max RCF:2996×g

No.3



Order No.:10000400309
Rotor:4 x PRP kit
Max speed:4000r/min
Max RCF:3175×g

No.3



Order No.:10000400509
Rotor:4×50ml syringe
Max speed:4000r/min
Max RCF:3148×g

No.4



Order No.:10002400079
Rotor:24pcs prp tube
Max speed:4000r/min
Max RCF:2797×g

Ventilated | Low speed | Benchtop

TD-550



Order No.:0101170000

FEATURES

User-friendly functions
>up to 1000 user-defined programs
>up to 1000 run histories,can be exported via USB
>up to 40 rates acceleration and deceleration
>up to 5 stages multi-stage centrifugation mode available
>up to 99h59m59s timer range, 1s increment
>Fastest acceleration time ≤10s

LCD touch screen
>Simple and clear to show all parameters
>Touch screen,easy to set parameters
>RCF can be set directly
>RPM and RCF covert automatically
>User can set parameters even with glove
>User can reset parameters when rotor is spinning

Ensure safety
>Microprocessor control
>Motorized electronic door lock
>Door cannot be opened when rotor is spinning
>Gas hinge to prevent door falling
>Port in the door for calibration and operation checking
>Emergency door lock release
>Password to lock the device
>Software to prevent overspeed

Good components
>Motor: Brushless variable frequency motor.
stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel.
anticorrosion and easy to clean
>Rotor: Aluminum alloy fixed angle rotor;
Stainless steel swing out rotor.
>Rotors are autoclavable

TECHNICAL DATA

Max Speed	5500rpm	Noise	⩽60dB(A)
Max RCF	4193xg	Voltage	220v
Max Capacity	12x15ml	Power Consumption	500w
Speed Accuracy	±10rpm	Dimension(WxDXH)	400x495x320mm
Time Setting	1s ～ 99h59m59s/Pulse	Weight	27kg

Fixed angle rotor

Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×15ml	0494500300	5500rpm/4193×g	12×1×2ml	1102010001/blood tube 1102010008/micro tube
				12×1×7ml blood tube	1102010002
				12×1×10ml blood tube	1102010003

Cyto centrifuge



TD-4M

TD-4M

Order No.:0101050000

Features

>LED screen shows RPM/RCF and Time
>RCF can be set directly
>1min to 99min timer range
>User can reset parameters when rotor is spinning
>Variable frequency motor drive, microprocessor control
>Electronic lid lock to ensure safety
>Steel housing;304 stainless steel chamber
>Dual drainage channels to prevent water accumulation

TECHNICAL DATA

Model	TD-4M	Time Setting	1min ～ 99min
Max Speed	4000rpm	Noise	⩽60dB(A)
Max RCF	2170xg	Power Consumption	200w
Max Capacity	10pcs slide glass	Dimension(WxDxH)	340x430x330mm
Speed Accuracy	±20rpm	Weight	19kg

AVAILABLE ROTORS

No.1



Order No.:0495170100

Rotor: Swing out rotor
Capacity: 6x9ml
Max speed: 4000rpm
Max capacity: 2170xg

Cell wash centrifuge

TD-4B



Order No.:0101040000

Features

>LED screen shows RPM/RCF and Time
>Acceleration and deceleration only need 7 seconds
>Standard centrifugal program for HLA rotor and SERO rotor
>Variable frequency motor drive, microprocessor control
>Electronic lid lock to ensure safety
>Steel housing;304 stainless steel chamber

TECHNICAL DATA

Model	TD-4B	Time Setting	1s ～ 99min
Max Speed	4700rpm	Noise	⩽55dB(A)
Max RCF	2000xg	Power Consumption	200w
Max Capacity	12x7ml(SERO rotor)	Dimension(WxDxH)	300x375x260mm
Speed Accuracy	±20rpm	Weight	17kg

AVAILABLE ROTORS

	Rotor	Program No.	RCF	Time	Application
 **Order No.:**0104520100	Rotor for lymphocyte/HLA (12×1.5ml)	1	2000×g	180s	Lymphocyte separation Cell-culture separation
		2	1000×g	3s	Platelet separation (handing with thrombase)
		3	1000×g	60s	Lymphocyte wash
 **Order No.:**0104520200	Rotor for red blood cell/SERO (12×7ml)	1	500×g	60s	Blood type Observation of hemagglutination reaction
		2	1000×g	15s	Cross-matching,Coombs test
		3	1000×g	60s	Blood cell wash Extraction of serum and plasma

Gel card centrifuge



TD-4K

Order No.:0101230000

Features

>LED screen shows RPM/RCF and Time
>Low noise,without carbon powder pollution
>Variable frequency motor drive, microprocessor control
>Electronic lid lock to ensure safety
>Steel housing;304 stainless steel chamber
>Professional program design,it can run directly without setting paramters

TECHNICAL DATA

Model	TD-4K
Max Speed	1500rpm
Max RCF	280xg
Capacity	24 Gel card
Noise	⩽60dB(A)
Power Consumption	100w
Dimension(WxDxH)	340x440x290mm
Weight	19kg

Centrifugal procedure	Max Speed	Max RCF
0-2Min	900rpm	100×g
2-5Min	1500rpm	280×g



24 Gel card

Order No.:0495980200

Rock core centrifuge



YX-1850R

Order No.:0199060000

FEATURES

User-friendly functions

>1000 user-defined programs
>40 rates acceleration and deceleration
>1s to 99h59m timer range
>LCD touch screen for setting and viewing parameters
>RCF can be set directly
>User can reset parameters when rotor is spinning

Good components

>Motor: Variable frequency motor.
stable running,maintenance free,long life
>Housing: Thick and strong steel
>Chamber: 304 stainless steel.
anticorrosion and easy to clean

Ensure safety

>Automatic rotor recognition to prevent overspeed
>Automatic rotor lock,without using any tools
>Electronic lid lock, controlled by independent motor
>Lid can only be opened when completely stop spin
>Hydraulic rods support the lid
>Port in the lid for calibration and operation checking
>Emergency lid-lock release
>Various protections to ensure safe centrifugation

Refrigeration

>Imported compressor unit
>-20℃ to +40℃ ,1℃ increment
>±1℃ high temperature accuracy
>CFC-free refrigerant
>Temperature sensor inside the chamber
>Starts refrigeration when power on
>Maintains refrigeration after spin

TECHNICAL DATA

Max Speed	18500rpm
Max RCF	38684xg
Max Capacity	4x1000ml
Temperature Range	-20℃ ～ +40℃
Temperature Accuracy	±1℃
Speed Accuracy	±10rpm
Time Setting	1s～ 99h59m59s
Noise	⩽65dB(A)
Max capillary pressure	13.40Mpa
Power Consumption	5000w
Dimension(WxDxH)	720x740x900mm
Weight	250kg

