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

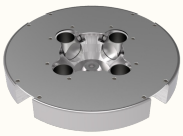
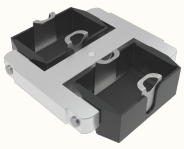
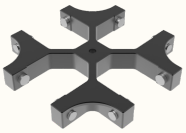
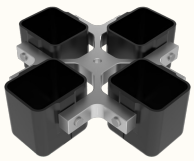
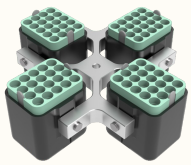
Max Speed	6000rpm
Max RCF	5433xg
Max Capacity	4x800ml
Speed Accuracy	±10rpm
Time Setting	1s ～ 99h59m59s
Noise	≤65dB(A)
Voltage	220v
Power Consumption	1100w
Dimension(WxDxH)	620x680x840mm
Weight	120kg

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

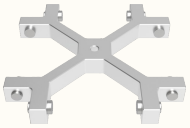
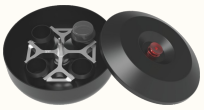
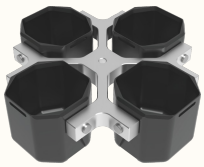
AVAILABLE ROTORS

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