



ISO9001/13485



WIN UNION

WINUNION CENTRIFUGE



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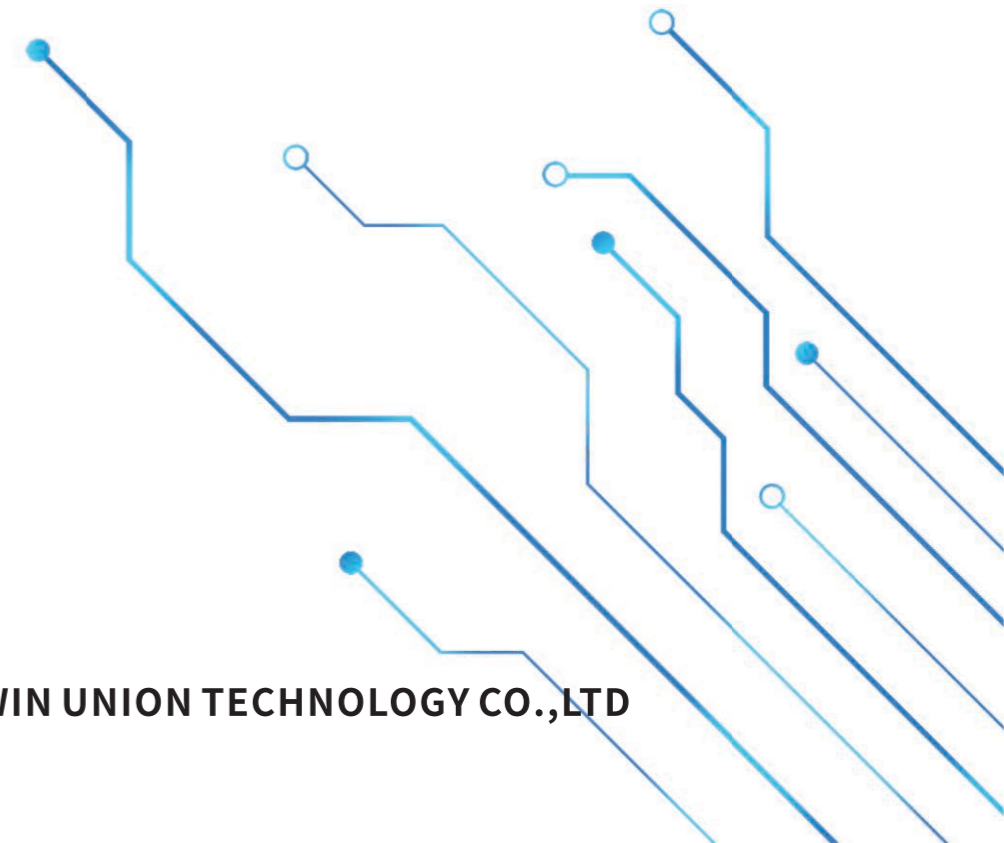
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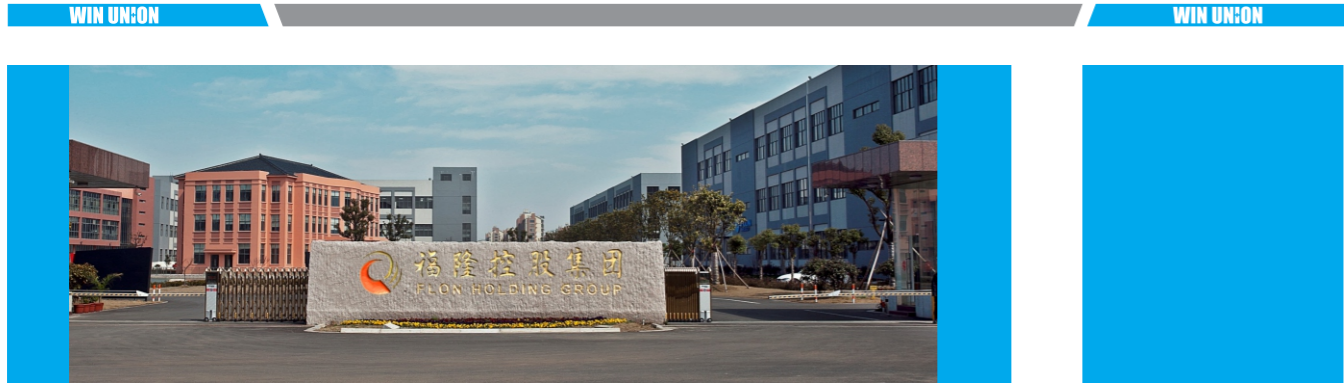
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JIANGSU WIN UNION TECHNOLOGY CO.,LTD



Company introduction



Jiangsu Win Union Technology Co., Ltd. has more than 30 years' experience in centrifuge R&D, production, sales and customer service. Win Union focuses on the clinical and laboratory centrifuge application, and obtains professional certificates including ISO13485, CE(LVD/EMC/IVD), FCC , TGA Australia, and sales qualifications of Europe and North America. Win Union's centrifuges are widely used by not only public hospitals but also private clinics in China. It keeps exploring global market such as the United States, Germany, Poland, Russia, Australia and other regions.

Orientation

- Premium Performance
- Reliable Service
- Competitive Price
- Explore global market with professional partners

Founder introduction



Dr. Yang Yun

1996-2000, Tsinghua University, Issued rotor dynamics theory; 《A Method for Calculating The Dynamic Characteristics of Centrifuges》;

2000-2004, worked in Chinese Academy of Sciences and completed national "Ninth Five-Year Plan" Key Project—"Development of High-speed Centrifuge"

2004-2008, Shanghai Techcomp Scientific Instrument Co., LTD.
Complete the industrialization of large-scale centrifuge series products;

2009-2017, DLAB(Beijing) Instrument Co., LTD.
Complete the industrialization of a series of small-sized desktop centrifuge products;

2018-Now, Jiangsu Win Union Technology Co., LTD., General Manager.

Catalogue

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Mini high speed centrifuge

Mini S20 (15500 rpm / 0.5ml x 18 1.5ml / 2ml X 12)



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Parameter

Speed range	300 ~ 15500 rpm, increment:100 rpm
Speed accuracy	±20 rpm
RCF range	10 ~ 16100 × g, increment:100 ×g
Timer	10 sec ~ 99 min, Holding
Program number	9
Preloaded program	MSM Pulse 3Decelerate Curve
Function of DECEL	Three deceleration curves to ensure better separation
Function of MSM	Especially suitable for sensitive sample
Safety devices	Door interlock, Over-speed detector, Over temperature
Power requirements	Single-phase, 110V - 240V, 50Hz/60Hz, 5A
Dimensions(cm) & Weight	(W) 20 × (D) 25 × (H) 17 6KG

Powerful Smart

- 15500rpm/16100×g
- Compact appearance,
- suitable for small space
- such as scientific workstation



● plastics rotor: 9s speed up



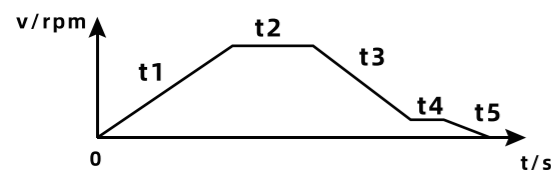
● Aluminum alloy rotor, Autoclave

Wise choice

- Affordable and durable, saving your budget
- It is suitable for the separation of DNA, RNA and protein,
- The best choice for clinical laboratory research colleges and universities

MSM mod

- The unique MSM separation method is especially suitable for sensitive sample



Product advantages

- Running on the noise of 55dB ;
- High precision PID algorithm, Stable speed accuracy ±10rpm;
- momentary spin button permits instant spin

ROTOR (supply customization service)



A12-2P

(plastic with transparent lid)



A12-2

(aluminium with transparent cover)



A18-05

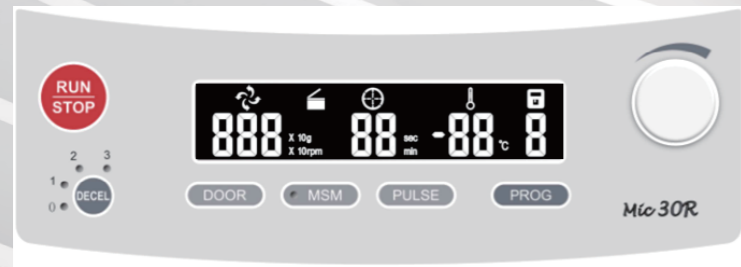
(aluminium with transparent lid)

Rotor	capacity	adaptor	Max speed	Max RCF
A12-2P	2ml/1.5ml ×12	/	15500 rpm	16100×g
A12-2	2ml/1.5ml ×12	/		15900 × g
A18-05	0.5ml ×18	/		

Warranty

- The whole machine is guaranteed for 2 years
- The rotor is guaranteed for 7 years

Micro Refrigerated Centrifuge Mic 30R



Specification

Speed range	300 ~ 16200 rpm, step: 100 rpm
Speed accuracy	±20 rpm
RCF range	100 ~ 25000 × g, step: 100 ×g
Temp range	-20 °C~40 °C
Timer	10 sec ~ 99 min, continue
Program	9 group
Pre-loaded program	pulse; 4 deceleration curve
MSM mode	Gently acceleration or slow down deceleration;
Safety devices	Door interlock, Over-speed detector, Over temperature
Power requirements	AC220V, 50Hz, 10A
Dimensions(cm) &	(W) 29.5 × (D) 55 × (H) 30.5 32KG

Max speed 16200 rpm with all rotors

- Max RCF 25000×g

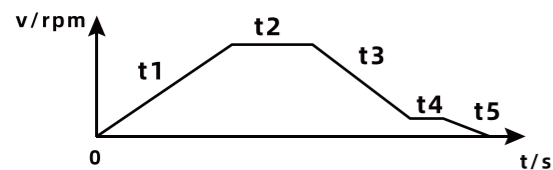


- biosafety rotor

- Plastic lid for picking easily

Extremely cooling power system

- **5 min** temp decrease to 4°C;
- SECOP compressor, environmentally friendly refrigerant R290, **CE standard**;
- Two cooling mode, pre-cooling / dynamic cooling program;



MSM mode

- Slowly acceleration, slow down deceleration;
- Especially suitable for sensitive sample

Exclusive FS48-2 ROTOR, PATENTED

- **48 tubes**, Larger volume, equal to two sets of devices;
- Equal radius design, ensure each tube got the same centrifugal result;



Rotor List (accept customization)



FS48-2



FS12-5V



FS4-PCR8



FS24-2

Rotor	Capacity	Adaptor	Max speed	Max RCF
FS48-2	2ml/1.5m ×48	/	15000 rpm	21400×g
FS12-5V	5ml×12	/	16200 rpm	25000×g
FS4-PCR8	4 rows of PCR8	/		
FS24-2	2ml/1.5m ×24	/		

Warranty

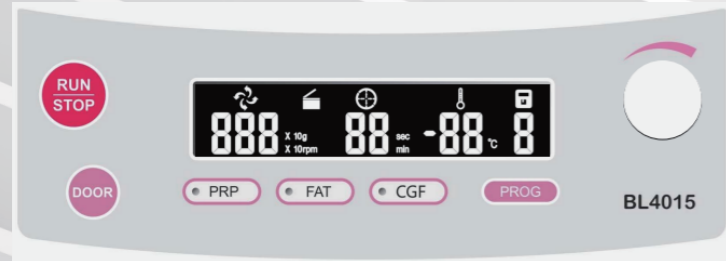
- **The whole machine is guaranteed for 2 years**
- **The rotor is guaranteed for 7 years;**

PRP centrifuge

BL4015

Accept Customization

ISO 9001/13485 CERTIFIED CFDA CE IVD



FEATURE

- Double certification, cTUVs international certification & CFDA certification, International quality, Security, Reliability; CE(IVD/LVD/EMC/FCC)
- Brushless motor, maintenance free drive system makes it powerful;
- Wide voltage design, the speed is not affected by voltage fluctuations;
- High precision PID algorithm, Stable speed accuracy ± 10 rpm;
- The centrifugal temperature is indicated, function of sample over-temperature protection.
- Unique two input methods: Fixed parameters, Program group input;
- Custom 1-9 groups of procedures, easy & fast to operate, do not cause error because of frequent parameter changing;
- The rotor can be autoclaved to avoid infection.
- High level dynamic balance technology, low noise operation, low vibration

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SPECIFICATION

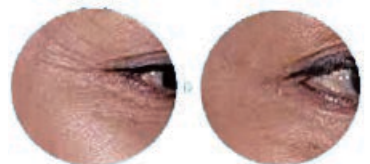
Speed range	300 ~ 4500 rpm, step:10 rpm
Speed accuracy	± 20 rpm
RCF range	10 ~ 2500 * g, step:10*g
Timer	10 sec ~ 99 min, continue
Program number	9
Preloaded program	PRP FAT CGF
Safety devices	Door interlock, Over-speed detector, Over temperature protection
Power requirements	Single-phase, 110V - 240V, 50Hz/60Hz, 3A
Dimensions (cm) & Weight	(W)29.2*(D)40.5*(H)22.6 9kg
Additional features	Speed/RCF switch, Processing display, Voice reminder



Hair Regrowth



Fade Acne



Rejuvenation



Fat Graft

MAKE THE WORLD BETTER

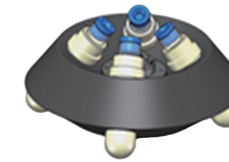
ROTOR



A12-10



A12-10E



A4-50E



SR6-10

AUTOCLAVE

name	NO.	capacity	adapter	Max speed	Max radius	Max Rcf
A12-10	1.1	12x10ml blood tube		4500rpm	11.2cm	2500 x g
	1.2	12x3-7ml blood tube	A15P7+mat	4500rpm	9.8cm	2210 x g
A12-10E	2.1	12x10ml blood tube		4500rpm	11.2cm	2500 x g
	2.2	12x3-7ml blood tube	A15P7+mat	4500rpm	9.8cm	2210 x g
SR6-10	3.1	6x10ml blood tube		4500rpm	11.2cm	2500 x g
	3.2	6x3-7ml blood tube	A15P7+mat	4500rpm	9.8cm	2200 x g
A4-50E	4.1	4x11ml PRP tube	A50P11	4500rpm	11.2cm	2500 x g
	4.2	4x22ml PRP tube	A50P22	4500rpm	11.2cm	2500 x g

AFTER SALES POLICY

- The whole machine is guaranteed for 2 years, and the rotor is guaranteed for 7 years (not included details checked in the specification).(From the date of delivery)
- To ensure safe and efficient operation of centrifuges, regular maintenance is required. If something goes wrong with the centrifuge, don't try to fix it by yourself, Please contact the after-service representative.

Medical Centrifuge

CL4015 ISO 9001/13485 CERTIFIED CFDA CE IVD



SPECIFICATION

Speed range	300 ~ 4500 rpm, step:10 rpm
Speed accuracy	±20 rpm
RCF range	10~2500×g, step:10×g
Timer	10 sec ~ 99 min,continue
Program number	9
Preloaded program	blood urine faeces
Safety devices	Door interlock, Over-speed detector, Over temperature protection
Power requirements	Single-phase, 110V - 240V, 50Hz/60Hz, 3A
Dimensions (cm) & Weight	(W)29.2×(D)40.5×(H)22.6 9KG
Additional features	Speed/RCF switch, Processing display, Voice reminder

FEATURE

- Double certification, cTUVs international certification & CFDA certification, International quality, Security, Reliability; CE(IVD/LVD/EMC/FCC)
- Brushless motor, maintenance free drive system makes it powerful;
- Wide voltage design, the speed is not affected by voltage fluctuations;
- High precision PID algorithm, Stable speed accuracy ±10rpm;
- The centrifugal temperature is indicated, function of sample over-temperature protection.
- Unique two input methods: Fixed parameters, Program group input;
- Custom 1-9 groups of procedures, easy & fast to operate, do not caused erro because of frequent parameter changing;
- The rotor can be autoclaved to avoid infection.
- High level dynamic balance technology, low noise operation, low vibration

Rotor information

rotor	NO.	capacity	adapter	Max speed	Max radius	Max Rcf
A12-10	1.1	12×10ml blood tube		4500rpm	11.2cm	2500 × g
	1.2	12×3-7ml blood tube	A15P7+mat	4500rpm	9.8cm	2210 × g
A12-10E	2.1	12×10ml blood tube		4500rpm	11.2cm	2500 × g
	2.2	12×3-7ml blood tube	A15P7+mat	4500rpm	9.8cm	2210 × g
SR6-10	3.1	6×10ml blood tube		4500rpm	11.2cm	2500 × g
	3.2	6×3-7ml blood tube	A15P7+mat	4500rpm	9.8cm	2210 × g
A24-10E	4.1	24×10ml blood tube		4500rpm	11.2cm	2000 × g
	4.2	24×3-7ml blood tube	A15P7+mat	4500rpm	9.8cm	2210 × g



A12-10E

- 10ml×12
- 4500rpm/2500×g



A12-10

- 10ml×12
- 4500rpm/2500×g



A24-10E

- 10ml×24
- 4500rpm/2500×g



SR6-10

- 10ml×6
- 4500rpm/2500×g

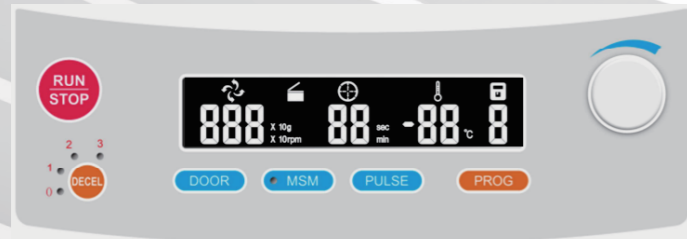
Other model

model	CL4015	LL4050	DL4015	BL4015	LH4050
area	medical	lab	oral implant	Medical beauty	lab
Order no.	1040000000	1030000000	1050000000	1060000000	1120000000

AFTER SALES POLICY

- The whole machine is guaranteed for 2 years, and the rotor is guaranteed for 7 years (not included details checked in the specification). (From the date of delivery)
- To ensure safe and efficient operation of centrifuges, regular maintenance is required. If something goes wrong with the centrifuge, don't try to fix it by yourself, Please contact the after-service representative.

Low Speed Centrifuge CL4024



professional Fixed Parameter Customize



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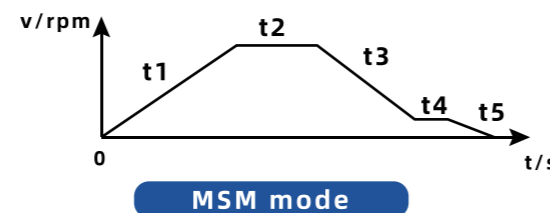
Feature

- International standard, CE, reliable quality;
- Sheet metal construction, stainless chamber, very solid construction;
- Mechanism door lock design, easy operation
- Multiple rotors, can meet a variety of applications
- Wide voltage design, the speed is not affected by voltage fluctuations;
- Four deceleration curves to ensure better separation;
- 1-9 custom programs, the operation is simple and fast;
- The unique MSM separation method is especially suitable for sensitive cells;

Specification

Speed range	300 ~ 4500rpm, step: 1 0rpm		
Speed accuracy	±20rpm		
Rcf. range	10g ~ 2500×g, step: 10×g		
rotor	1#	XXK-24	Blood type card (6 columns), 3000rpm/ 1000×g
	2#	SMP2-96	Micro plate rotor, 3000rpm/1006×g, Standard micro plate ×2
	3#	A24-10E	10ml×24, 15ml×18, 4,500rpm(2500×g/2214×g)
	4#	A12-10E	15ml×6, 10ml×12, 4,500rpm(2500×g)
timer	10s ~ 99min, continue		
Program number	9		
Safety devices:	Inter door lock, over-speed detector, over temperature protection		
Power :	single-phase, 110V-240V, 50Hz/60Hz, 3A		
*Dimensions(cm):	(W) 35.4× (D) 43× (H) 20		
*Weight:	14 KG		
Additional features	*Additional features: Speed/RCF switch, Pulse operation, Processing		

Slowly speed up and down to prevent cell shear damage
Low speed steady speed make the separation better

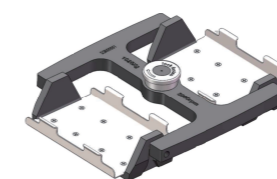


ROTORS information



A12-10E

12×10ml, 6×15ml
4500rpm/2500×g



Smp2-96 rotor

Standard micro plate
3000rpm(1006×g)



A24-10E rotor

24×10ml, 18×15ml
4500rpm(2500×g)



XXk-24 Rotor

24×cards(6)
3000rpm(1000×g)

Rotor list

name	NO.	capacity	adapter	Max speed	Max radius	Max rcf
A12-10E	1.1	12×10ml blood tube		4500rpm	11.2cm	2500 × g
	1.2	12×3-7ml blood tube	A15P7+mat	4500rpm	9.8cm	2210 × g
	1.3	6×15ml		4500rpm	11.2cm	2500 × g
A24-10E	2.1	24×10ml blood tube		4500rpm	11.2cm	2500 × g
	2.2	12×3-7ml blood tube	A15P7+mat	4500rpm	9.8cm	2210 × g
	2.3	18×15ml		4500rpm	11.2cm	2500 × g
SMP2-96	3	2×microplate		3000rpm	10.2cm	1006 × g
XXK-24	4	24×blood card(6 columns)		3000rpm	9.2cm	925 × g

Accept customization

- independent intellectual property capabilities
- Keyboard film can be customized
- Special rotors can be customized

AFTER SALES POLICY

- The whole machine is guaranteed for 2 years, and the rotor is guaranteed for 7 years
- To ensure safe and efficient operation of centrifuges, regular maintenance is required.

Dental Regenerative Centrifuge

DL4015 /DL4015+

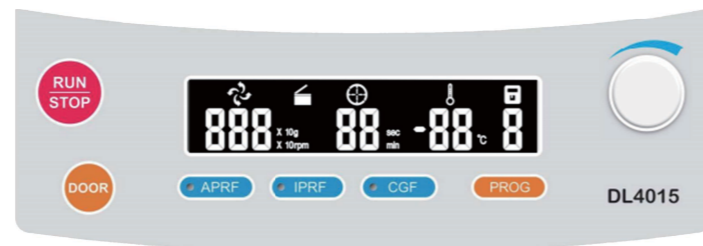
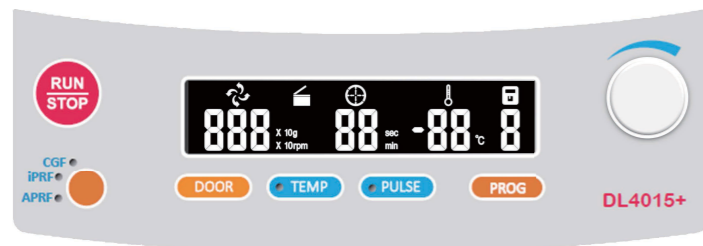
ISO 9001/13485 CERTIFIED CFDA CE IVD



Fixed Parameter

General Parameter

Customized Parameter



SPECIFICATION

Speed range	300 ~ 4000 rpm, step:10 rpm
Speed accuracy	± 10 rpm
RCF range	1 ~ 2000 × g, step:10×g
Timer	10 sec ~ 99 min, continue
Program number	9
Preloaded program	A-PRF I-PRF CGF Pulse(DL4015+)
Function of Constant Temperature(DL4015+)	Keep the centrifugal temperature above 25 °C
Safety devices	Door interlock, Over-speed detector, Over temperature protection
Power requirements	Single-phase, 110V - 240V, 50Hz/60Hz, 3A
Dimensions(c m) & Weight	(W)29.2×(D)40.5×(H)22.6 10KG(DL4015+) 9KG(DL4015)

FEATURE

- Double standard certification, CE(LVD/EMC/); IVD ;FCC;CTUVus international certification & CFDA certification,International quality,Security,Reliability;
- Brushless motor, maintenance free drive system makes it powerful;
- (DL4015+)Function of "TEMP" can keep the centrifugal temperature above 25 °C;
- (DL4015+) " Pulse" A separate button permits instant spin ;
- Wide voltage design, the speed is not affected by voltage fluctuations;
- High precision PID algorithm, Stable speed accuracy ±10rpm;
- The centrifugal temperature is indicated , function of sample over-temperature protection.
- Unique two input methods: Fixed parameters, Program group input;
- Custom 1-9 groups of procedures, easy & fast to operate,do not caused erro because of frequent parameter changing;
- The rotor can be autoclaved to avoid infection.
- High level dynamic balance technology, low noise operation, low vibration

ROTORS



A12-10E

- 10ml×12
- 4500rpm/2500×g



A12-10

- 10ml×12
- 4500rpm/2500×g

rotor	NO.	capacity	adapter	max speed	max diameter	max RCF
A12-10	3	12 blood collection tube	A15P7+mat	4000 rpm	11.2 cm	2000×g
A12-10E	4	12 blood collection tube	A15P7+mat			

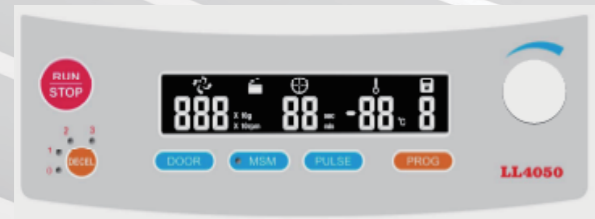
AFTER SALES POLICY

- The whole machine is guaranteed for 2 years, and the rotor is guaranteed for 5 years (not included details checked in the specification).(From the date of delivery)
- To ensure safe and efficient operation of centrifuges, regular maintenance is required.If something goes wrong with the centrifuge, don't try to fix it by yourself, Please contact the after-service representative.

Low Speed Centrifuge

LL4050

ISO 9001/13485 CERTIFIED CFDA CE IVD



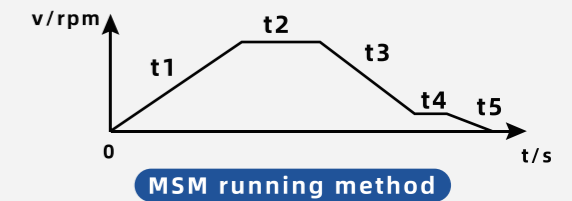
4 deceleration MSM mode 9 memory



FEATURE

- International standard, CE, cTUVus, FCC, IVD, reliable quality;
- seven rotors, can meet a variety of applications
- Wide voltage design, the speed is not affected by voltage fluctuations;
- Four deceleration curves to ensure better separation;
- 1-9 custom programs, the operation is simple and fast;
- The unique MSM separation method is especially suitable for sensitive cells

Slowly speed up and down to prevent cell shear damage
Low speed steady speed make the separation better












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SPECIFICATION

Speed range	300-4500rpm, step: 10rpm		
Speed accuracy	±20rpm		
Max RCF	2500×g, step: 10×g		
rotor	rotor name	rotor id	max Speed (RCF)
	A6-50P3: 50ml ×6, 15m×6, 2ml×12	0#	4,500rpm(2500×g)
	A12-10: 10ml×12, 15ml×8	1#	4,500rpm(2500×g)
	A6-50E:50ml×6,15ml×6	2#	4,500rpm(2500×g)
	A12-10E:10ml×12,15ml×6	3#	4,500rpm(2500×g)
	A6-50P: 50ml ×6, 15m×6	4#	4,500rpm(2500×g)
	SR6-10: 10ml×6	5#	4,500rpm(2500×g)
	A24-10E: 10ml×24, 15ml×18	6#	4,500rpm(2500×g/2285×g)
timer	10second ~ 99minute, continue		
Program number	9		
deceleration	4		
MSM mode	more stable mode, acceleration and deceleration more gently		
Power requirements	Single-phase, 110V-240V, 50Hz/60Hz, 3A.		
Dimensions (cm)	(W)29.2×(D)40.5×(H)22.6		
Weight	9kg		

ROTORS information

 A6-50P3 <ul style="list-style-type: none"> ● 50ml×6 or 15ml×6 or 2ml×12 ● 4500rpm/2500×g 	 A6-50P <ul style="list-style-type: none"> ● 50ml×6 or 15ml×6 ● 4500rpm/2500×g
 A6-50E <ul style="list-style-type: none"> ● 50ml×6 or 15ml×6(A50P15) ● 4500rpm/2500×g 	 A12-10 <ul style="list-style-type: none"> ● 15ml×8 or 10ml×12 ● 4500rpm/2500×g
 A12-10E <ul style="list-style-type: none"> ● 15ml×6 or 10ml×12 ● 4500rpm/2500×g 	 SR6-10 <ul style="list-style-type: none"> ● 10ml×6 ● 4500rpm/2500×g
 A24-10E <ul style="list-style-type: none"> ● 15ml×18 or 10ml×24 ● 4500rpm/(2500×g/2285×g) 	 A50P15 <ul style="list-style-type: none"> ● A50P15 for 15ml tube
	 A15P7 <ul style="list-style-type: none"> ● A15P7 for blood tube

40 other series

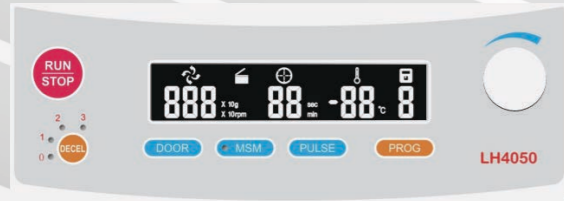
model	CL4015	LL4050	DL4015	BL4015	LH4050
field	clinical	lab	dental implant	Beauty	lab
Part no	1040000000	1030000000	1050000000	1060000000	1120000000

AFTER SALES POLICY

- The whole machine is guaranteed for 2 years, and the rotor is guaranteed for 7 years
- To ensure safe and efficient operation of centrifuges, regular maintenance is required.

High Speed Centrifuge LH4050

ISO 9001/13485 CERTIFIED CFDA CE IVD



Cell collection + DNA purify = Two in one

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Rotor information

No.	name	Max speed/rcf	capacity
1#	A6-50P	4500rpm/2500×g	50ml×6 or 15ml×6
2#	A12-15P	4500rpm/2500×g	15ml×12
3#	A12-10E	4500rpm/2500×g	10ml×12 or 15ml×6
4#	A24-2P	12000rpm/13710×g	2ml×24
5#	A12-5VP	11000rpm/11500×g	5ml×12
6#	A12-2P	15000rpm/15100×g	2ml×12
7#	A4-PCR8	11500rpm/12600×g	4-PCR8
8#	A18-2P	14000rpm/16400×g	1.5ml×18 or 2ml×18

Specification

Speed range	300 ~ 15000 rpm, step:100 rpm
Rcf range	100 ~ 16400 × g, step:100*g
Speed accuracy	±20 rpm
timer	10 s~ 99 min, or continue
MSM mode	More Stable Mode, acceleration & deceleration more gently
program	9
deceleration	4
Safety devices	Door interlock, Over-speed detector, Over temperature protection
Power requirements	Single-phase, 110V - 240V, 50Hz/60Hz, 3A
Dimensions(cm) & Weight	(W)29.2×(D)40.5×(H)22.6 9kg
Additional features	Speed/RCF switch, Processing display, Voice reminder

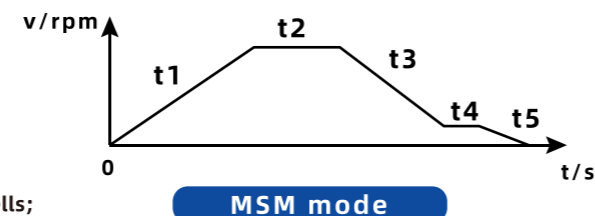


List of related models:

No.	model	Application area	parameters
1	CL4015	Medical	10ml×12, 4500rpm/2500g
2	BL4015	Beauty medical	10ml×12, 4500rpm/2500g
3	DL4015	Dental implant	10ml×12, 4500rpm/2500g
4	LL4050	laboratory	50ml×6, 15ml×8, 10ml×12, 4500rpm/2500g
5	LH4050	laboratory	50ml×6 , 4500rpm ; 2ml×24, 12000rpm

Feature

- International standard, CE, cTUVus, FCC, IVD, reliable quality;
- Two in one: both low-speed 50ml rotor and high-speed 2ml rotor.
- Multi-rotor selection, there are eight rotors for you;
- Wide voltage design, the speed is not affected by voltage fluctuations;
- Four deceleration curves to ensure better separation;
- 1-9 custom programs, the operation is simple and fast;
- The unique MSM separation method is especially suitable for sensitive cells;



Slowly speed up and down to prevent cell shear damage
Low speed steady speed make the separation better

AFTER SALES POLICY

- The whole machine is guaranteed for 2 years, and the rotor is guaranteed for 7 years
- To ensure safe and efficient operation of centrifuges, regular maintenance is required.

Low speed centrifuge

LL50R/LL50

- CE and CFDA Certification, high reliability;
- Powerful RCF, 6800rpm(5583×g);
- 0.2ml~100ml, the capacity can be met;
- Swing out 、 fix angle 、 microplate Rotor
- SECOP compressor, R290 refrigerant;
- Biosafety design, avoid aerosol pollution;
- Compact design, 36cm wide, save the space



Specification

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	LL50R	LL50	
Speed range, step	300 ~ 6800rpm, step: 1rpm		
accuracy	±20rpm		
RCF range	20g ~ 5583×g, STEP: 1×g		
timer	10s ~ 99min, continue		
temperature	-20°C ~ 40°C	Display only	
rotor	S4-100: 100ml x4	5,000rpm(3857×g)	5,000rpm(3857×g)
	A8-50, 50mlx8/ 15mlx16	5000rpm(3910×g)	5000rpm(3910×g)
	A30-15, 15mlx30	5000rpm (3910×g)	5000rpm (3910×g)
	FS8-50, 50mlx8	6800rpm(5583×g)	6800rpm(5583×g)
	SMP2-96 microplatex2	3000rpm(1006*g)	3000rpm(1006*g)
	FS6-100 100mlx6	6800rpm(5273*g)	6800rpm(5273*g)
dimension (mm)	36cm(w)×62.8cm(d)×31.2cm(h)	33cm(w)×44.6cm(d)×30cm(h)	
weight	38kg	20kg	

Rotor Information



S4-100 rotor
5000rpm(3857×g);
3-7ml blood tubex28
10ml blood tubex28
15ml conical x8; 50ml conicalx4



A30-15 rotor
5000rpm(3910×g);
3-7mlx30;10mlx30;
15ml x30



SMP2-96 rotor
3000rpm(1006×g)



FS8-50 rotor
6800rpm(5583×g)



FS6-100 rotor
6800rpm(5273×g)
100mlx6

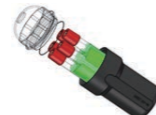


A8-50 rotor
5000rpm(3910×g)
50ml conicalx8
15ml conicalx16

High quality Rotor



Precision machined rotor!
It's not cast!



Biosafety design
No aerosol

Rotor Information

S4-100



description	Blood tube	10ml blood	15ml conical	50ml conical	80-100ml tube
tubes/bucket	7	5	2	1	1
φ×L mm	13×75	13×106	15×106	30×114	38×106
adapter	A100P5	A100P5	A100P10	A100P15	A100P50
picture					
tubes/rotor	28	28	20	8	4
Bucket lid	√		×	×	√

S4-100PRP

description	11ml PRP tube	20ml syringe	22ml PRP tube	44ml PRP tube
tubes/bucket	2	1	1	1
φ×L mm	16×130	17×120	22×128	31×128
adapter	A100P11	A100P20syr	A100P22	A100P44
picture				
tubes/rotor	8	4	4	4



WARRANTY

- This centrifuge is guaranteed for two years
- The rotor is guaranteed for 7 years

Multi-purpose centrifuge

LH50R/LH50

- CE and CFDA Certification, high reliability
- Powerful RCF, 16000rpm(25155×g);
- 0.2ml~100ml, the capacity can be met;
- Swing out、fix angle、microplate Rotor
- SECOP compressor, R290 refrigerant;
- Biosafety design, avoid aerosol pollution;
- Compact design, 36cm wide, save the space



Rotor Information



S4-100 Rotor
5000rpm(3857×g);
3-7ml×28; 10ml×20;
15ml conical bottom×8;
50ml conical bottom×4



A30-15 Rotor
5000rpm(3910×g);
3-7ml×30; 10ml×30;
15ml conical bottom×30



SMP2-96 Rotor
3000rpm(1006×g);
micro-plate x2



FS8-50 Rotor
11000rpm(14610×g); 50R
11000rpm(14610×g)
50ml×8



FS30-2 Rotor
15000rpm(25155×g) 50R
13000rpm(18890×g)
2ml×30



A8-50 Rotor
5000rpm(3910×g); 50R
50ml conical bottom×8;
15ml conical bottom×16;



FS60-2 Rotor
14000rpm(21910×g) 50R
13000rpm(18890×g)
2ml×60



FS6-50 Rotor
12500rpm(18160×g) 50R
12500rpm(18160×g)
50ml×6 or 15ml×6



FS12-PCR8 Rotor
16000rpm(24380×g) 50R
13000rpm(18890×g)
2ml×24



FS6-100 Rotor
11000rpm(13798×g)
100ml×6

Specification

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	LH50R	LH50	
Speed range, step	300 ~ 16000rpm, step: 1rpm	300 ~ 14000rpm, step: 1rpm	
accuracy	±20rpm		
RCF range	20g ~ 25155×g, STEP: 1×g	20g ~ 18890×g, STEP: 1×g	
timer	10s ~ 99min, continue		
temperature	-20°C ~ 40°C	Display only	
rotor	S4-100: 100ml×4	5,000rpm(3857×g)	5,000rpm(3857×g)
	A8-50: 50ml×8, 15ml×16	5000rpm(3910×g)	5000rpm(3910×g)
	A30-15, 15ml×30	5000rpm(3910×g)	5000rpm(3910×g)
	SMP2-96: microplate×2	3000rpm(1006×g)	3000rpm(1006×g)
	FS30-2, 2ml×30	15000rpm(25155×g)	13000rpm(18890×g)
	FS12-PCR8, 8-PRC×12	14000rpm(21910×g)	13000rpm(18890×g)
	FS6-50, 50ml×6	12500rpm(18160×g)	12500rpm(18160×g)
	FS8-50, 50ml×8 (conical)	11000rpm(14610×g)	11000rpm(14610×g)
	FS24-2	16000rpm(24380×g)	14000rpm(18669×g)
	FS6-100 (100ml round bottom)	11000rpm(13798×g)	11000rpm(13798×g)
FS60-2, 2ml×60	14000rpm(21910×g)	13000rpm(18890×g)	
dimension (cm)	36cm(w)×62.8cm(d)×31.2cm(h)	33cm(w)×44.6cm(d)×30cm(h)	
weight	38kg	20kg	

Rotor Information

S4-100					
description	Blood tube	10ml blood tube	15ml conical tube	50ml conical tube	80-100ml tube
tubes/bucket	7	5	2	1	1
φ×L mm	13×75	13×106	15×106	30×114	38×106
adapter	A100P5	A100P5	A100P10	A100P15	A100P50
picture					
tubes/rotor	28	28	20	8	4
Bucket lid	√		×	×	√

High quality Rotor



Precision machined rotor!
It's not cast!



Biosafety design
No aerosol

WARRANTY

- This centrifuge is guaranteed for two years
- The rotor is guaranteed for 7 years

low speed large volume centrifuge LL80

- CE and CFDA Certification, high reliability
- 96 blood tubes can be separated one time
- Composite absorber, more stable running
- Powerful RCF, 5500rpm(3910×g);
- 0.2ml~500ml, the capacity can be met;
- Swing out、fix angle、microplate Rotor
- Biosafety design, avoid aerosol pollution



Specification

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Speed range	300 ~ 5500rpm, step: 1rpm			
Speed accuracy	±20rpm			
RCF range	20g ~ 3910×g, step: 1×g			
Rotor	Item	No.	specification	Bio_safety
	S4-500A: 500ml ×4	1#	3500rpm(2570×g)	yes
	S4-500B: 400ml ×4	2#	4000rpm(3200×g)	no
	S2-MP96: 3 micro-plate ×2	3#	4000rpm(2218×g)	no
	A8-50: 15ml ×16 or 50ml ×8	4#	5000rpm(3910×g)	No
	A30-15: 15ml ×30	5#	5000rpm(3910×g)	No
	FS8-50: 50ml ×8	6#	5500rpm(3652×g)	yes
Timer	10s ~ 99min, continue			
Program	9			
Deceleration curve	↑9 ↓10 ↓0: free to stop			
MSM mode	Gently acceleration or slow down deceleration ;			
Safety devices	Inter door lock, over-speed detector, over temperature protection, imbalance			
Size(cm) & Weight	(W)47×(D)57.7×(H)33.5 50kg			
Power	AC 220V, 50Hz, 10A			
Other speciality	Speed/ RCF switch, Pulse, Process display, rotor identification			

Rotor Information



S4-500A rotor

3500rpm/ 2570×g
4×500ml (conical) 48×15ml (conical)
4×250ml (conical) 72×10ml (blood tube)
20×50ml (conical) 96×3-7ml (blood tube)



A30-15 rotor

5000rpm(3910×g)
30×15ml
30×10ml
30×3-10ml (A15P7)



S4-500B rotor

4000rpm/3200×g
16×50ml (conical) 60×10ml (blood tube)
36×15ml (conical) 72×3-7ml (blood tube)



FS8-50 rotor

5500rpm(3652×g)
8×50ml
8×15ml (A50P15)



S2-MP96 rotor

4000rpm(2218×g)
2×3 microplate



A8-50 rotor

5000rpm(3910×g)
8×50ml
16×15ml

Rotor Information

S4-500A rotor



description	Vacuum blood	10ml tube	15ml	50ml culture	500ml Conical	250ml Conical
φ×L mm	13×75	13×106	15×106	17×120	29×109	95×147
tube						
number/bucket	24	24	18	14	5	1
number/rotor	96	96	72	56	20	4
adapter	A500P5Y	A500P10Y	A500P15Y	A500P50Y	A500P250Y	A500P500Y
Bucket lid	yes				no	no



Biosafe design!

No aerosol pollution!



Precision machined rotor!

**It's not cast!
High quality!**

WARRANTY

- This centrifuge is guaranteed for two years
- The rotor is guaranteed for 7 years