



ZENITH LAB

Since 1988



ZENITH LAB

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NO.	ROTOR NO.	PICTURE	CAPACITY
1	A042006		20mlx6
2	A042012		20mlx12
3	A041508		15mlx8
4	A041518		15mlx18
5	A041012		10mlx12
6	A042024		20mlx24
7	A045006		50mlx6
8	A160212		1.5/2mlx12
9	A160506		5mlx6
10	A160012		0.5mlx12
11	A130506		1.5mlx12 and 5mlx6
12	A130012		1.5mlx12 and 0.5mlx12
13	A120224		1.5/2mlx24
14	A130508		5mlx8
15	A121012		10mlx12
16	A130048		0.5mlx48
17	A131536		1.5mlx36
18	A1010004		100mlx4
19	A115006		50mlx6

NO.	ROTOR NO.	PICTURE	CAPACITY
20	S0410004		100mlx4 15mlx16 50mlx8 10mlx24
21	S0525004		250mlx4 15mlx28 50mlx8 10mlx36
22	S0510004		100mlx4
23	S055004		50mlx4
24	S052008		20mlx8
25	S042006		20mlx6
26	S121524		24 capillary tube
27	S042012		20mlx12
28	S041516		15mlx16
29	S040796		7mlx96
30	S041524		15mlx24
31	S041532		15mlx32
32	S045008		50mlx8
33	S040548		5mlx48
34	S0410008		100mlx8
35	S0450006		500mlx6
36	S0480004		800mlx4
37	S0405148		5mlx148
38	S040248		48 Microplatex2

Test tubes Dimension (mm)
Centrifuge Adapter

Picture							
Capacity	800ml	500ml	250ml	100ml	50ml	20ml	15ml
Inner diameter mm	100	90	69.5	42.3	30.8	19/18.5	13
Length mm	106	100	100	96	91	101/93	92
Max insert size(mm)	∅ 100×100	∅ 90×105	∅ 69×110	∅ 42×105	∅ 30×103	∅ 18.5×113 ∅ 18×110	∅ 12.6×100

Micro-Centrifuge Tube

Picture							
Capacity	10ml	7ml	5ml	5ml	2ml	1.5ml	0.5ml
Outer diameter mm	15.5	12.9	13.3	16.5	10.3	10.3	7.5
Length mm	81	59	53	60	41	41	32

Screw Cap Centrifuge tube
Vacuum Tube

Picture								
Capacity	100ml	50ml	15ml	10ml	8ml	7ml	5ml	4ml
Outer diameter mm	32.5	28.6	16.5	16	15.5	16	13	13
Length mm	113	113	118	102	130	100	100	75

§ And sample of our products in the continuous improvement of product structure, appearance, parameters and configuration may differ, please understand.



- ◆ High strength plastic shelf , simple structure and simple operation.
- ◆ With mechanical door lock and safety switch, stop working when open the door.
- ◆ Pointer show speed, stepless speed adjustment
- ◆ Viewing area can view the running statement.



• LC-04B Plus



• LC-04C Plus

- ◆ High strength plastic lid, small volume, light weight
- ◆ brushless motor drive
- ◆ Large screen backlight LCD shows speed/running time/Accel / Decel
- ◆ With RCF/RPM toggle key, review the RCF at any time
- ◆ Error code , speed Accel/ Decel rates 10 programs
- ◆ Advanced wide voltage design, RPM is not affected by voltage fluctuation, high precision
- ◆ Over speed alarm, finished alarm
- ◆ Mechanical door lock and safety switch, stop if open the door

Model	LC-04B Plus	LC-04C Plus
MAX RPM	4000 RPM	4000 RPM
Max RCF	2325xg	2325xg
Timer	0-30min	0-99min
Rotor capacity	20mlx12 (Standard)	20mlx12 (Standard)
Voltage	110V 60Hz /220V50Hz	100-240V 50-60Hz
Dimension	320x340x280mm	320x340x280mm
Weight	7kg	7kg

Rotor NO.	Rotor Capacity	Max RCF	LC-04B Plus	LC-04C Plus
A 042012	20mlx12	2325xg	*	*
A042008	20mlx8	2325xg	*	*
A040518	5mlx18	2325xg	*	*
A041012	10mlx12	2325xg	*	*
A 042006	20mlx6	1790xg	*	*
A 040812	8mlx12	2325xg	---	*

PRP Centrifuge

- ◆ Strong Plastic case with microprocessor control
- ◆ LED display speed and timer
- ◆ DC Brushless motor,
- ◆ Over speed and finished alarm
- ◆ Mechanical door lock ,the cover open and will stop
- ◆ Error code display, speed up and down adjustment
- ◆ Used for PRP/PRF,
- ◆ Suit for centrifuge the 10 ml syringe directly
- ◆ It is dedicated product for the beauty salon



• LC-04P



• LC-04P plus

- ◆ Strong plastic case with microprocessor control
- ◆ LCD display speed/RCF / time /Acceleration / Decel/ rotor NO. /Door station
- ◆ DC brushless motor, Over speed alarm and finished alarm
- ◆ mechanical door lock ,the cover open and will stop
- ◆ 10 groups of programs with memory function.
- ◆ Logo display when turn on the power, Programs can be programmed according to user parameters
- ◆ Suit for centrifuge the 10ml syringe directly
- ◆ For the beauty salon

Model	LC-04P	LC-04P plus
Max speed	4000 RPM	4000 RPM
Max RCF	1780xg	1780xg
Timer	0-99min	0-99min59s
Rotor capacity	Angle rotor 15ml /10mlx8	Angle rotor 15ml /10mlx8
Voltage	100-240V 50-60Hz	100-240V 50-60Hz
Dimension	260x300x205mm	260x300x205mm
Weight	6kg	6kg

- ◆ Strong Plastic case with metal lid
- ◆ With mechanical door lock
- ◆ With safety switch, Stop working when open the door
- ◆ Scope of supply includes the rotor
- ◆ High speed for short centrifugation timers
- ◆ Small footprint
- ◆ LED display speed, Stepless speed adjustment



• LC-04A

- ◆ Strong Plastic case with metal lid
- ◆ High Brushless motor, with mechanical door lock
- ◆ Over speed and imbalance protection
- ◆ With safety switch, stop working when open the door
- ◆ Stepless speed adjustment, LED display speed and timer
- ◆ Error code display, speed up and down adjustment



• LC-04C



• LC-04B



- ◆ Strong Plastic case with metal lid
- ◆ With safety switch, Stop working when open the door
- ◆ Pointer show speed
- ◆ Stepless speed adjustment
- ◆ mechanical timer
- ◆ Scope of supply includes the rotor
- ◆ High speed for short centrifugation timers



• LC-04L

- ◆ Strong Plastic case
- ◆ Brushless motor, LCD display speed, RCF and timer
- ◆ Over speed alarm and imbalance protection
- ◆ Touch panel control, automatic stop once lid open
- ◆ Error code display, Accel / Decel rates adjustment
- ◆ Electronic Door Lock, Equipped with emergency locking device
- ◆ Suit for qualitative analysis of blood serum and plasma

Model	LC-04A	LC-04B
MAX RPM	4000 RPM, LED display speed	4000 RPM, Pointer show speed
Max RCF	2325xg	2325xg
Timer	0-30min	0-30min
Rotor capacity	20mlx12 (standard)	20mlx12 (standard)
Voltage	110V 60Hz /220V50Hz	110V 60Hz /220V50Hz
Dimension(mm)	280x310x265mm	280x310x265mm
Weight	9kg	9kg

Rotor NO.	Rotor capacity	Max RCF	LC-04A	LC-04B
A 042012 (standard)	20mlx12	2325xg	◆	◆
A 042006	20mlx6	1790xg	*	*
A042008	20mlx8	2325xg	*	*
A040518	15mlx18	2325xg	*	*
A041012	10mlx12	2325xg	*	*

Model	LC-04C	LC-04L
MAX RPM	4000 RPM	4000 RPM
Max RCF	2325xg	2325xg
Timer	0-99min	0-99min
Rotor capacity	20mlx12 (standard)	20mlx12 (standard)
Voltage	110V 60Hz /220V50Hz	110V 60Hz /220V50Hz
Dimension(mm)	280x310x265mm	320x340x280mm
Weight	9kg	9kg

Rotor NO.	Rotor capacity	Max RCF	LC-04C	LC-04L
A 042012 (standard)	20mlx12	2325xg	◆	◆
A 042006	20mlx6	1790xg	*	*
A042008	20mlx8	2325xg	*	*
A040518	15mlx18	2325xg	*	*
A041012	10mlx12	2325xg	*	*
A040512	5ml eppendorf tube x12	1790xg	*	*
A040812	8ml x12	2325xg	*	*



• LC-04R-N



• LC-04R

- With safety switch
- Scope of supply includes the rotor
- High speed for short centrifugation timers
- Small footprint
- Simple to operate
- Step speed adjustment
- Classical metal case



• LC-04S

Model	LC-04R-N	LC-04R
MAX RPM	4000RPM	4000RPM
Max RCF	1790xg	1790xg
Timer	-----	0-30min
Rotor capacity	20mlx6	
Voltage	110V 60Hz /220V 50Hz	
Dimension(mm)	Ø250x220 mm	
Weight	3.5kg	

Model	LC-04S
MAX RPM	4000 RPM
Max RCF	2325xg
Timer	0-30min
Rotor capacity	20mlx12 (standard)
Voltage	110V 60Hz /220V50Hz
Dimension(mm)	280x300x240mm
Weight	9kg

Rotor NO.	Rotor capacity	Max RCF
A 042012 (standard)	20mlx12	2325xg
A 042006	20mlx6	1790xg
A041508	15mlx8	2325xg
A045006	50mlx6	2800xg

- Strong metal case
- High power Brushless motor,
- LED display speed and timer
- Over speed and finished alarm, imbalanced protection
- With mechanical door lock and safety switch
- Error code display, speed up and down adjustment
- Stainless steel chamber
- Suit for qualitative analysis of blood serum and plasma



• TDL-4A



• TDL-4A plus

- Brushless motor drive
- Large screen backlight LCD shows
- Stainless steel chamber
- Speed/running time/Accel / Decel adjustable
- With RCF/RPM toggle key to check the RCF
- Error code ,speed Accel/ Decel rates 10 programs
- Over speed alarm, finished alarm
- With electronic door lock and safety switch

Model	TDL-4A	TDL-4A plus
MAX RPM	4000 RPM	4000 RPM
Max RCF	2325xg	2325xg
Timer	0-99min	0-99min
Rotor capacity	Angle 20mlx24	Angle 20mlx24
Voltage	110V 60Hz /220V 50Hz	110V 60Hz /220V 50Hz
Dimension(mm)	330x360x330mm	330x410x330mm
Weight	14kg	15kg

Rotor NO.	Rotor Capacity	Max RCF	TDL-4A	TDL-4A plus
A 042024	20mlx12	2325xg	*	*
A045006	20mlx8	2325xg	*	*
A042016	5mlx18	2325xg	*	*
A042012	10mlx12	2325xg	*	*



• LC-04W

- ◆ Microcomputer control, brushless motor variable frequency
- ◆ Large screen backlight LCD shows
- ◆ 10 groups of ACC /DEC rate to choose and memory
- ◆ Electronic door lock control, with emergency unlock device
- ◆ Stainless steel chamber
- ◆ Imbalanced protection, self locking, overspeed protection, speed no signal protection, motor holzer fault protection, high or low power supply voltage protection, over-current protection

Automatic cap off Centrifuge

- ◆ Microprocessor control ,LED display speed and time ,change RCF
- ◆ Brushless frequency motor, free maintenance, quick in speed up and down.
- ◆ Auto-electric lid lock ,over-speed protection
- ◆ Automatic cap off, safe operation, easy to use



• LC-04T



• TDL-4C/TDL-5A



- ◆ Strong metal case, big capacity, low noise
- ◆ Swing rotor, suit for 4 different tubes
- ◆ Stainless steel chamber and hood
- ◆ High power brushless motor,
- ◆ LED display speed and timer, stepless speed adjustment
- ◆ Over speed and imbalance protection
- ◆ With safety switch and electromagnetic door locks
- ◆ Error code display, speed up and down adjustment

Model	LC-04W
MAX RPM	4000 RPM
Max RCF	3150xg
Timer	0-99min
Max Rotor capacity	400ml
Voltage	110V 60Hz /220V 50Hz
Dimension	380×470×280 mm
Weight	25kg

Model	LC-04T	
MAX RPM	4000RPM	4000RPM
Max RCF	2880xg	3310xg
Timer	0-99min	0-99min
Swing capacity	5ml/7mlx48	5ml/7mlx96
Voltage	110V 60Hz / 220V 50Hz	110V 60Hz / 220V 50Hz
Dimension(mm)	620x450x370mm	680x500x390mm
Weight	45kg	65kg

Description	Rotor NO.	Rotor Capacity	Max RPM/RCF
LC-04W	S041524	15mlx24(standard)	4000rpm 2860xg
Optical Swing Rotor 1	S041516	15mlx16	4000rpm 2860xg
Optical Swing Rotor 2	S041508	15mlx8	4000rpm 2610xg
Optical Swing Rotor 3	S041506	15mlx6	4000rpm 2540xg
Optical Swing Rotor 4	S0410004	100mlx4	4000rpm 3150xg
Optical Swing Rotor 5	S045008	50mlx8	4000rpm 2860xg
Optical Swing Rotor 6	S045004	50mlx4	4000rpm 2860xg
Optical Swing Rotor 7	S043006	30mlx6	4000rpm 2860xg
Optical Swing Rotor 8	S041024	10mlx24	4000rpm 2500xg
Optical Swing Rotor 9	S040804	8mlx6	4000rpm 2500xg
Optical Swing Rotor 10	S040712	7mlx12	4000rpm 2500xg

Model	TDL-4C	TDL-5A
MAX RPM	4000 RPM	5000 RPM
Max RCF	2755xg	4390xg
Timer	0-99min	0-99min
Rotor capacity	Swing Rotor 100mlx4 ,50mlx8, 15mlx16,10mlx24	Swing Rotor 250mlx4 ,50mlx8, 15mlx28,10mlx36
Voltage	110V 60Hz /220V50Hz	110V 60Hz /220V50Hz
Dimension(mm)	450x550x450mm	450x550x450mm
Weight	44kg	48kg

- ◆ Strong Plastic case with metal lid
- ◆ With mechanical door lock and safety switch
- ◆ Scope of supply includes the rotor
- ◆ High speed for short centrifugation timers
- ◆ Small footprint
- ◆ Stepless speed adjustment
- ◆ LED display speed
- ◆ Suit for qualitative analysis of blood serum and plasma



• LC-05A

- ◆ Strong Plastic case with metal lid
- ◆ High power brushless motor
- ◆ Over speed and imbalance alarm
- ◆ Stepless speed adjustment , LED display speed and timer
- ◆ With mechanical door lock and safety switch
- ◆ Error code display, speed up and down adjustment
- ◆ Suit for qualitative analysis of blood serum and plasma



• LC-05C



• LC-05B



- ◆ Strong Plastic case with metal lid
- ◆ With mechanical door lock and safety switch
- ◆ Scope of supply includes the rotor
- ◆ High speed for short centrifugation timers
- ◆ Stepless speed adjustment
- ◆ Suit for qualitative analysis of blood serum and plasma



• LC-06C

- ◆ Strong Plastic case with metal lid
- ◆ High power brushless motor
- ◆ Over speed and imbalance alarm
- ◆ Stepless speed adjustment , LED display speed and timer
- ◆ With mechanical door lock and safety switch
- ◆ Error code display, speed up and down adjustment
- ◆ Suit for qualitative analysis of blood serum and plasma

Model	LC-05A	LC-05B
MAX RPM	5000 RPM	5000 RPM
Max RCF	3600xg	3600xg
Timer	0-30min	0-30min
Rotor capacity	20mlx12 (standard)	20mlx12 (standard)
Voltage	110V 60Hz /220V50Hz	110V 60Hz /220V50Hz
Dimension	280x310x265mm	280x310x265mm
Weight	9kg	9kg

Rotor NO.	Rotor capacity	Max RCF	LC-05A	LC-05B
A 052012 (standard)	20mlx12	3600xg	◆	◆
A 052006	20mlx6	2760xg	*	*
A052008	20mlx8	3600xg	*	*
A051518	15mlx18	3600xg	*	*
A051012	10mlx12	3600xg	*	*

Model	LC-05C	LC-06C
MAX RPM	5000 RPM	6000 RPM
Max RCF	3600xg	5200xg
Timer	0-99min	0-99min
Rotor capacity	20mlx8 (standard)	15mlx12 (standard)
Voltage	110V 60Hz /220V50Hz	110V 60Hz /220V50Hz
Dimension	280x310x265mm	280x310x265mm
Weight	9kg	9kg

Description	Rotor No.	Rotor capacity	Max RCF
LC-05C 5000rpm	A052008 (standard)	20mlx8	3600xg
	A 052006	20mlx6	2760xg
	A 052012	20mlx12	3600xg
	A051518	15mlx18	3600xg
	A051012	10mlx12	3600xg
LC-06C 6000rpm	A 061512 (standard)	15mlx12	5200xg
	A 062006	20mlx6	4000xg
	A062008	20mlx8	5200xg
	A061518	15mlx18	5200xg
	A051012	10mlx12	5200xg

- ◆ Mental case
- ◆ Microcomputer control, brushless motor variable frequency
- ◆ Electronic door lock control, with emergency unlock device
- ◆ 10 groups of ACC /DEC rate to choose and memory
- ◆ 10 groups of programs with function, RPM / RCF, time, Acceleration / Deceleration/ rotor NO / Door station
- ◆ Programs can be programmed according to user parameters
- ◆ Imbalanced protection, self locking, overspeed protection, speed no signal protection, motor Holzer fault protection, high or low power supply voltage protection, over-current protection
- ◆ Fault automatic diagnosis and recognition, programmable operation, automatic storage of data.



• LC-05S

- ◆ Microcomputer control, brushless motor variable frequency
- ◆ Display rotor NO , change RPM /RCF directly
- ◆ Imbalanced protection, self locking, overspeed protection, speed no signal protection, motor Holzer fault protection, high or low power supply voltage protection, over-current protection
- ◆ Fault automatic diagnosis and recognition, programmable operation, automatic storage of data
- ◆ With electronic door lock device, easy to operate, emergency unlocking device



• TDL-5G



• TDL-5G plus

- ◆ Intelligent microcomputer control, brushless motor drive
- ◆ LCD display with High-definition and high contrast customization
- ◆ Automatic rotor identification system, RPM, RCF, running time will be showed at the same time
- ◆ Rotary encoder operation, with emergency lock device
- ◆ 10 period of ascending and descending speed gear is optional
- ◆ 10 program memory function, including rotor number in each group, RPM, RCF, time, lifting speed
- ◆ Have door cover, imbalance, overspeed, no speed signal protection, motor hall fault protection, power supply voltage is too high, too low protection, over-current protection

Model	LC-05S plus	LC-05S
MAX RPM	5000 RPM	5000 RPM
Max RCF	3600xg	3840xg
Timer	0-99min59s	0-99min59s
Rotor capacity	Angle 20mlx24 (Standard)	Swing 10mlx16(Standard)
Voltage	110V 60Hz /220V 50Hz	110V 60Hz /220V 50Hz
Dimension(mm)	340×410×330 mm	340×410×360 mm
Weight	19kg	24kg

Model	TDL-5G	TDL-5G plus
MAX RPM	5000 RPM	5000 RPM
Max RCF	4540xg	4540xg
Timer	0-99min	0-99min59S
Max Rotor capacity	100mlx8 swing rotor	100mlx8 swing rotor
Voltage	110V 60Hz /220V 50Hz	110V 60Hz /220V 50Hz
Dimension	450×600×360 mm	450×600×360 mm
Weight	40kg	42kg

Description	Rotor NO.	Rotor capacity	Max RPM/RCF
LC-05S plus 5000rpm	A052024 (standard)	20mlx24	3600xg
	A055006	50mlx6	3600xg
	A052016	20mlx16	3600xg
	S051016 (standard)	10mlx16	3840xg
LC-05S 5000rpm	S051516	15mlx16	3840xg
	S052006	20mlx6	3840xg
	S055008	50mlx8	3840xg
	S0510004	100mlx4	3840xg
	4000rpm	S041006	10/7/5ml vacuum tubesx6

Description	Rotor NO.	Rotor capacity	Max RPM/RCF
Optical Swing Rotor 1	S0410008	100mlx8	4000rpm 3040xg
	S0410004	100mlx4	
	S045008	50mlx8	
	S041524	15mlx24	
	S041032	10mlx32	
Optical Swing Rotor 2	S040548	5mlx48	5000rpm 4540xg
	S0525004	250mlx4	
	S055008	50mlx8	
	S051528	15mlx28	
Optical Swing Rotor 3	S051036	10mlx36	4000rpm 2950xg
	S041512	15mlx12	
Optical Angle Rotor 4	A051512	15mlx12	5000rpm 3600xg
Optical Angle Rotor 5	A055008	50mlx8	5000rpm 3630xg

- ◆ Full metal lid, stable running, low noise, high speed precision.
- ◆ Intelligent microcomputer control, brushless motor drive
- ◆ The display of rotor no, the RPM and RCF can switch each other, calculating the RCF value automatically
- ◆ 10 period of ascending and descending speed gear is optional
- ◆ Imbalance protection, door cover self-locking, overspeed protection, no speed signal protection, motor hall fault protection, power supply voltage is too high, too low protection, over-current protection
- ◆ The automatic fault diagnosis recognition, can be programmed and operated, automatic storage data
- ◆ Equipped with emergency lock device, easy to operate



• TDL-6A

Model	TDL-6A
MAX RPM	6000 RPM, stepless speed adjustment
Max RCF	5800xg
Timer	0-99min
Max Rotor capacity	500mlx4 swing rotor
Voltage	110V 60Hz /220V 50Hz
Dimension(mm)	480×600×360 (L×W×H) mm
Weight	45kg

Description	Rotor NO.	Rotor capacity	Max RPM/RCF
Optical Angle Rotor 1	A061012	10mlx12	6000rpm 5030xg
Optical Angle Rotor 2	A0610004	100mlx4	6000rpm 5800xg
Optical Swing Rotor 3	S0510004	100mlx4	5000rpm 4390xg
Optical Swing Rotor 4	S045008	50mlx8	4000rpm 3040xg
	S041524	15mlx24	
	S041532	15mlx32	
Optical Swing Rotor 5	S041048	10mlx48	4000rpm 3500xg
	S047207	5ml/7mlx72	
	S049607	5ml/7mlx96	
	S0414807	5ml/7mlx148	
Optical Swing Rotor 6	S0425004	250mlx4	4000rpm 3600xg
	S0450004	500mlx4	
Optical Swing Rotor 7	S040296	96 microplate x2	4000rpm 3040xg

- ◆ Strong metal case , Stainless steel centrifugation chamber
- ◆ Brushless motor, LCD display speed, RCF and timer
- ◆ Over speed and imbalance protection
- ◆ With safety switch and electromagnetic door locks
- ◆ Error code display



• TDL-6C

Model	TDL-6C
MAX RPM	6000 RPM
Max RCF	4470xg
Timer	0-99min
Rotor capacity	Swing Rotor 100mlx4
Voltage	110V 60Hz / 220V50Hz
Dimension(mm)	410x530x340mm
Weight	27kg

Description	Rotor NO.	Max speed	Rotor capacity	Max RCF
TDL-6C	S0510004(standard)	5000	100mlx4	4390xg
Optional rotor 2	S055004	5000	50mlx4	4390xg
Optional rotor 3	S051012	5000	10mlx12	3000xg
Optional rotor 4	S050516	5000	5mlx16	2290xg
Optional rotor 5	S052008	5000	20mlx8	2480xg
Optional rotor 6	S052006	5000	20mlx6	2480xg
Optional rotor 7	A061512	6000	15mlx12	5200xg



• LC-05F

Refrigerated Centrifuge

- ◆ Vertical -type
- ◆ DC Brushless frequency motor,
- ◆ French TECUMSEH refrigeration compressor
- ◆ LED display speed, RCF and timer
- ◆ Enabling automatic malfunction alarm
- ◆ Touch panel control,
- ◆ With safety switch and electromagnetic door locks
- ◆ Error code display, speed up and down adjustment



Model	LC-04F	LC-05F
MAX RPM	4000 RPM	5000 RPM
Max RCF	2755xg	4390xg
Timer	0-99min	0-99min
Swing Rotor capacity	100mlx4 ,50mlx8, 15mlx16,10mlx24	250mlx4 ,50mlx8, 15mlx24,10mlx36
Temperature range	-5℃~30℃/ ±2℃	-5℃~30℃/ ±2℃
Voltage	220V 50Hz	220V 50Hz
Dimension(mm)	500x560x700mm	500x630x700mm
Weight	85kg	85kg



- LC-06F

- ◆ Refrigerated centrifuge is melt housing, safe & compact
- ◆ Microprocessor control, less noise and fast cooling
- ◆ Brush-less frequency motor, free maintenance, no powder pollution, quick in speed up and down.
- ◆ The flexible axle driven system which drive the rotor directly, smooth in operation and small vibration.
- ◆ Many rotors for choice, suitable for different specifications meets customers' different requirements of separation.
- ◆ Digital display the speed, time and RCF.
- ◆ Auto-electric lid lock, over-speed protection.

Model	LC-06F
Max speed	5000rpm
Speed accuracy	±20rpm
Max RCF	4730×g
Timer	99h59min
Max volume	4×800ml
Temperature range	-20℃~40℃
Power supply	220V 50HZ
Dimension(mm)	700×715×420
Weight	130kg

Rotor:

Description	Rotor No.	Max speed	Rotor capacity	Max RCF
Optional swing rotor 1	S0480004	4000	800ml×4	3450×g
Optional swing rotor 2	S0450004	4000	500ml×4	3380×g
Optional swing rotor 3	S0430004	4000	300ml×4	2920×g
Optional swing rotor 4	S040588	4000	5ml×88	2840×g
	S0405124	4000	5ml×124	2840×g
Optional swing rotor 5	S040788	4000	7ml×88	3140×g
	S0407124	4000	7ml×124	3140×g
	S0407228	4000	7ml×228	3270×g
	S0407160	4000	7ml/5ml×160	3270×g
	S0407120	4000	7ml/5ml×120	3140×g
	S041072	4000	10ml×72	3140×g
Optional swing rotor 6	S0510004	5000	100ml×4	4730×g
	S055004	5000	50ml×4	4730×g
	S0410008	4000	100ml×8	3020×g
	S045008	4000	50ml×8	3200×g
	S041048	4000	10ml×48	2880×g
	S040748	4000	7ml/5ml×48	2760×g
	S041532	4000	15ml/10ml×32	3200×g
	S041524	4000	15ml/10ml×24	3200×g
	S041516	4000	15ml/10ml×16	3200×g
Micro plate rotor 7	S049608	4000	2×4×96 holes	2490×g
Micro plate rotor 8	S049616	4000	4×4×96 holes	2840×g
Micro plate rotor 9	S044806	4000	2×3×48 holes	2300×g
Optional Angle Rotor 10	A051506	5000	15ml×6	2540×g
Optional Angle Rotor 11	A051512	5000	15ml×12	3080×g
Optional Angle Rotor 12	A051524	5000	15ml×24	3500×g
Optional Angle Rotor 13	A051530	5000	15ml×30	3830×g
Optional Angle Rotor 14	A055004	5000	50ml×4	2520×g
Optional Angle Rotor 15	A055006	5000	50ml×6	2850×g
Optional Angle Rotor 16	A055012	5000	50ml×12	3860×g
Optional Angle Rotor 17	A045024	4000	50ml×24	2970×g
Optional Angle Rotor 18	A0510004	5000	100ml×4	2630×g
Optional Angle Rotor 19	A0510006	5000	100ml×6	3130×g
Optional Angle Rotor 20	A0410012	4000	100ml×12	2970×g

- ◆ Strong Plastic case with metal lid
- ◆ With mechanical door lock and safety switch
- ◆ High speed for short centrifugation timers
- ◆ Stepless speed adjustment
- ◆ With reader
- ◆ Accurately measuring the specific value of blood cell
- ◆ Separating micro-amount of blood or solution.



- ◆ High strength plastic case ,small volume and light weight
- ◆ High strength variable frequency brushless motor drive
- ◆ Digital display speed and running time
- ◆ With mechanical door lock ,safety switch, open cover stop
- ◆ Error code shows , speed can be adjusted
- ◆ Accel/Decel speed rate adjustable
- ◆ OverSpeed alarm , unbalanced protection ,
- ◆ Brake function, automatic alarm after work
- ◆ With reader



- ◆ Strong Plastic case with metal lid
- ◆ High power brushless motor
- ◆ LED display speed and timer
- ◆ Over speed and imbalance protection
- ◆ With mechanical door lock and safety switch
- ◆ Error code display, speed up and down adjustment
- ◆ With brake and automatic alarm after operation
- ◆ With reader
- ◆ Accurately measuring the specific value of blood cell
- ◆ Separating micro-amount of blood or solution



- ◆ High strength plastic case ,small volume and light weight
- ◆ Microprocessor control
- ◆ LCD display speed/RCF / time /Acceleration / Deceleration/ rotor NO./Door station
- ◆ Frequency conversion brushless motor
- ◆ Over speed alarm and finished alarm
- ◆ Mechanical door lock ,the cover open and will stop
- ◆ 10 groups of programs with memory function.
- ◆ Programs can be programmed according to user parameters
- ◆ With reader

Model	HC-12A	HC-12C
MAX RPM	12000 RPM	12000 RPM
Max RCF	15300xg	15300xg
Timer	0-30min	0-99min
Rotor capacity	∅ 1.5x75mmx 24 capillary tubes	
Voltage	110V 60Hz /220V50Hz	
Dimension	280x310x265	280x310x265mm
Weight	9kg	10kg

Model	HC-12C Mini	HC-12C plus
MAX RPM	12000 RPM	13000 RPM
Max RCF	15300xg	17200xg
Timer	0-99min	0-99min59s
Rotor capacity	∅ 1.5x75mmx 24 capillary tubes	∅ 1.5x75mmx 24 capillary tubes/13000rpm (standard) 1.5mlx12/16000rpm (optional replaceable)
Voltage	110V 60Hz /220V50Hz	110V 60Hz /220V50Hz
Dimension	260x300x205mm	260x300x205mm
Weight	7kg	7kg

- ◆ Strong metal case
- ◆ Brushless motor, LED display speed RCF and timer
- ◆ Stepless speed adjustment
- ◆ Available different rotors
- ◆ Over speed and imbalance alarm
- ◆ Rotor identification, electromagnetic door locks
- ◆ Touch panel control , the error code display
- ◆ Stainless steel chamber
- ◆ LCD display optional



• HC-16A

- ◆ Strong Plastic case with metal lid
- ◆ With safety switch, stop if open the door
- ◆ High speed for short centrifugation timers
- ◆ Pointer show speed, Stepless speed adjustment,
- ◆ Stainless steel centrifugation chamber



• HC-16B

Model	HC-16A	HC-20C
MAX RPM	16000 RPM	20000 RPM
Max RCF	17000xg	26500xg
Timer	0-99min	0-99min
Rotor capacity	Angle Rotor 12x1.5/2 ml (standard)	Angle Rotor 12x1.5/2 ml (standard)
Voltage	110V 60Hz /220V50Hz	110V 60Hz /220V50Hz
Dimension(mm)	410x520x320mm	410x520x320mm
Weight	27kg	27kg

Rotor NO.	Rotor capacity	HC-16A		HC-20C	
		Max speed	Max RCF	Max speed	Max RCF
A160212	1.5/2 ml x 12	16000	17800xg	20000	26500xg
A130224	1.5/2 ml x 24	13500	15100xg	13500	15100xg
A121012	10 ml x 12	12000	14800xg	12000	14800xg
A131006	10 ml x 6	13000	14350xg	13000	14350xg
A120712	7ml x 12	13000	14170xg	13000	14170xg
A130508	5 ml x 8	13000	11400xg	13000	11400xg
A115006	50 ml x 6	11000	12000xg	11000	12000xg
A130048	0.5 ml x 48	13500	14800xg	13500	14800xg
A121536	1.5 ml x 36	13000	14500xg	13000	14500xg
A1010004	100ml x 4	10000	9800xg	10000	9800xg



• HC-16C

- ◆ Strong Plastic case with metal lid
- ◆ Microprocessor control
- ◆ High Brushless motor, LED display speed and timer
- ◆ Over speed and imbalance protection
- ◆ Stainless steel centrifugation chamber
- ◆ With mechanical door lock and safety switch
- ◆ Error code display, speed Accel /Decel rates adjustment

Model	HC-16B	HC-16C
MAX RPM	16000 RPM	16000 RPM
Max RCF	17000xg	17000xg
Timer	0-30min	0-99min
Rotor capacity	Angle Rotor 1.5ml/2ml x12 (standard)	Angle Rotor 1.5ml/2mlx12 (standard)
Voltage	110V 60Hz /220V50Hz	110V 60Hz /220V50Hz
Dimension(mm)	280x310x265mm	280x310x265mm
Weight	9kg	10kg

Rotor NO.	Max speed	Rotor capacity	Max RCF
A160212	16000	1.5ml/2mlx12	17000xg
A130506	16000	5mlx6	17000xg
A130512	16000	0.5mlx12	17000xg
A130508	13000	5mlx8	11400xg
A120224	12000	1.5ml /2mlx24	15100xg

High Speed Centrifuge

- ◆ Strong Plastic case with metal lid
- ◆ Brushless motor,
- ◆ LCD display speed, RCF and timer
- ◆ Stepless speed adjustment,
- ◆ Over speed and imbalance protection
- ◆ Touch panel control, automatic stop once lid open
- ◆ Error code display, speed Accel / Decel rates adjustment



• HC-16L

Model	HC-16L	HC-20L
MAX RPM	16000 RPM	20000 RPM
Max RCF	17000xg	26500xg
Timer	0-99min	0-99min
Rotor capacity	1.5ml/2mlx12 (standard)	1.5ml/2mlx12 (standard)
Voltage	110V 60Hz /220V 50Hz	110V 60Hz /220V50Hz
Dimension(mm)	320x340x280mm	320x340x280mm
Weight	9kg	9kg

Rotor capacity	HC-16L			HC-20L		
	Rotor NO.	Max speed	Max RCF	Rotor NO.	Max speed	Max RCF
1.5ml/2mlx12	A160212	16000	17000×g	A200212	20000	26500×g
5mlx6	A160506	16000	17000×g	A200506	20000	21000×g
0.5mlx12	A160012	16000	17000×g	A200012	20000	21000×g
5mlx8	A130508	13000	11400×g	A150508	14000	13200×g
1.5ml /2mlx24	A120224	12000	15100×g	A130224	13000	17720×g

Mini Centrifuge



• MC-04



• MCKD-05

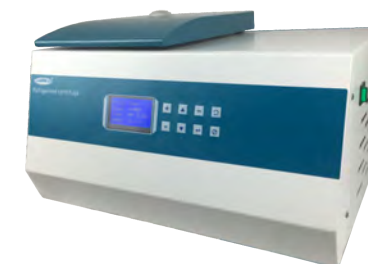


• MCKS-1000

Model	MC-04/ MC-07 / MC-12	MCKD-05/ MCKD-07	MCKS-1000 / MCKS-1200
MAX speed	4000/7000/12000 RPM	5000 RPM/7000 RPM	10000rpm/12000rpm
MAX RCF		1500xg/2000xg	5500xg/7900xg
TIMER	---	---	1-99min
Rotor capacity	0.2ml/0.5ml/1.5ml/2ml×6 0.2ml PCR tubes×16(double rows)	0.5ml/1.5ml/2ml×8	0.2ml/0.5ml/1.5ml/2ml×6 0.2ml PCR tubes×16(double rows)
Voltage	100-240V 50-60HZ	100-240V 50-60HZ	100-240V 50-60HZ
Dimension (mm)	160x190x120mm	160x190x120mm	160x190x120mm
Weight	1.2kg	1.2kg	1.2kg

High Speed Refrigerated Centrifuge

- ◆ Horizontal-type
- ◆ DC Brushless Invertermotor
- ◆ French TECUMSEH refrigeration compressor
- ◆ LCD display speed, RCF and timer
- ◆ Enabling automatic malfunction alarm
- ◆ Touch panel control,
- ◆ With safety switch and electromagnetic door locks
- ◆ Error code display, speed Accel/Decel rates adjustment



• HC-16F

Model	HC-16F	HC-20F
MAX RPM	16000 RPM	20000 RPM
Max RCF	17800xg	26500xg
Timer	0-99min	0-99min
AngleRotor capacity	1.5ml/2ml x12 (standard)	1.5ml/2ml x12 (standard)
Temperature range	-10℃~+40℃	-10℃~+40℃
Temperature accuracy	±2℃	±2℃
Voltage	220V 50Hz	220V 50Hz
Dimension(mm)	560x460x370mm	760x520x390mm
Weight	65kg	100kg

Description	Rotor NO.	Max speed	Rotor capacity	Max RCF
HC-16F				
Standard rotor 1	A160212	16000	1.5/2 ml×12	17800×g
Optional rotor 2	A130224	13500	1.5/2 ml×24	17000×g
Optional rotor 3	A121012	12000	10ml×12	14300×g
Optional rotor 4	A130510	13000	5ml×10	11400×g
Optional rotor 5	A115006	11000	50ml×6	11000×g
Optional rotor 6	A130048	13000	0.5ml×48	12800×g
Optional rotor 7	A1010004	10000	100ml×4	9680×g
Optional rotor 8	S044802	4000	48 holes microplate×2	1400×g
HC-20F				
Standard rotor 1	A200212	20000	1.5/2 ml×12	26500×g
Optional rotor 2	A130224	13500	1.5/2 ml×24	17000×g
Optional rotor 3	A121012	12000	10ml×12	14300×g
Optional rotor 4	A130510	13000	5ml×10	11400×g
Optional rotor 5	A115006	11000	50ml×6	11000×g
Optional rotor 6	A130548	13000	0.5ml×48	12800×g
Optional rotor 7	A1010004	10000	100ml×4	9680×g
Optional rotor 8	S044802	4000	48 holes microplate×2	1400×g

- ◆Microprocessor control,
- ◆Digital display inner temperature
- ◆Stainless steel interior
- ◆The aluminum ring cover
- ◆Suitable for thermostatic , baking, dewaxing, sterilization



• HH-S4

- ◆Microprocessor control,
- ◆digital display setting and actual temperature
- ◆Digital display running timer
- ◆PID self-tuning , over temperature alarm
- ◆Automatic alarm after operation
- ◆Suitable for thermostatic , baking, dewaxing, sterilization



• DK-S26



• WH-4



- ◆Microprocessor control,
- ◆Digital display inner temperature
- ◆One-timer-molding cistern,
- ◆The aluminum ring cover
- ◆Stainless steel roof cover (optional)
- ◆Suitable for thermostatic , baking, dewaxing, sterilization



• DK-8A



- ◆Microprocessor control,
- ◆Digital display setting and actual temperature and time
- ◆PID self-tuning , over temperature alarm
- ◆Automatic alarm after operation
- ◆Good insulation performance with stainless steel roof cover
- ◆With bakelite handle
- ◆DK-600B with double layer cover.

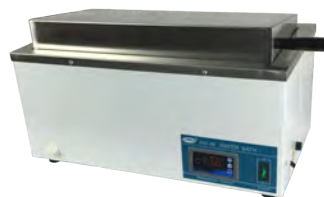
Model	HH-S1	HH-S2	HH-S4	HH-S6	HH-S8
Capacity	3L	6L	10L	16L	22L
Power	300W	500W	1000W	1500W	2000W
Temperature fluctuation	±0.5°C	±0.5°C	±1°C	±1.5°C	±1.5°C
Temperature range	RT+5 -99°C				
Temperature homogeneity	±1°C				
Voltage	110V 60Hz /220V 50Hz				
Working size(mm)	160x160x120	300x160x120	300x300x120	460x300x120	600x300x120
Dimension(mm)	230x230x240	370x230x240	370x370x240	530x370x240	670x370x240
Weight	3.5kg	4.5 kg	5.5 kg	7.5 kg	9 kg

Model	WH-1	WH-2	WH-4	WH-6
Capacity	3L	6L	12L	16L
Power	200W	500W	1000W	1500W
Temperature fluctuation	±0.5°C	±0.5°C	±1°C	±1.5°C
Temperature range	RT+5 -99°C			
Temperature homogeneity	±1°C			
Voltage	110V 60Hz /220V 50Hz			
Working size(mm)	150x140x120	300x150x120	320x320x120	460x300x120
Dimension(mm)	180x180x240	330x180x240	360x330x240	540x330x250
Weight	3.5kg	4.5 kg	5.5 kg	7.5 kg

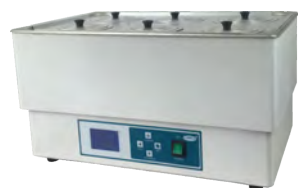
Model	DK-S12	DK-S24	DK-S26	DK-S28
Capacity	6L	10L	16L	22L
Power	500W	1000W	1500W	2000W
Temperature fluctuation	±0.5°C	±0.5°C	±1°C	±11°C
Temperature range	RT+5 -99°C			
Temperature homogeneity	±1°C			
Time	0-999min			
Voltage	110V 60Hz /220V 50Hz			
Working size(mm)	300x160x120	300x300x120	460x300x120	600x300x120
Dimension(mm)	470x230x240	470x370x240	630x370x240	770x370x240
Weight	5kg	6.5 kg	8.5 kg	10kg

Model	DK-320	DK-420	DK-8A	DK-600B
Capacity	6L	9L	23L	20L
Power	500W	1000W	1200W	1500W
Temperature range	RT+5 -99°C	RT+5 -99°C	RT+5 -99°C	RT+5 -99°C
Temperature fluctuation	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature homogeneity	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Timer	0-999min	0-999min	0-999min	0-999min
Voltage	110V 60Hz /220V 50Hz	110V 60Hz /220V 50Hz	110V 60Hz /220V 50Hz	110V 60Hz /220V 50Hz
Working size(mm)	300x160x120	400x180x130	450x300x170	580x280x130
Dimension(mm)	530x240x300	630x260x320	630x370x320	760x360x260
Weight	6kg	7kg	11kg	15kg

- ◆Microprocessor control,
- ◆Digital display inner temperature
- ◆Good insulation performance with stainless steel roof cover
- ◆With bakelite handle



• HH-W420



• WB-18S

- ◆ Microcomputer PID intelligent control and LCD backlight display temperature and time
- ◆ The upper cover is equipped with ring butterfly cover
- ◆ Stainless steel inner gallbladder tensile forming process, the inner wall is smooth, the product is more beautiful
- ◆ Over temperature protection, leakage current protection, low water alarm protection
- ◆ Prevent dry burning heating components, effectively protect heating elements
- ◆ Optional stainless steel flat cover or roof cover



Model	HH-W420	HH-W600
Capacity	9L	20L
Power	1000W	1500W
Temperature range	RT+5 -99°C	RT+5 -99°C
Temperature fluctuation	±1°C	±1°C
Temperature homogeneity	±1°C	±1°C
Voltage	110V 60Hz /220V 50Hz	110V 60Hz /220V 50Hz
Working size(mm)	400x180x130	580x280x130
Dimension(mm)	480x260x280	660x360x280
Weight	6kg	10kg

Model	WB-5S	WB-12S	WB-18S
Volume	5L	12L	18L
Working Size (mm)	300x150x120	320x320x120	460x300x130
Power	500W	1000W	1500W
Temperature range	RT+5-99°C	RT+5-99°C	RT+5-99°C
temperature accuracy	±0.3°C	±0.3°C	±0.3°C
Timing	0-9999Hour	0-9999Hour	0-9999Hour
Voltage	220V 50Hz	220V 50Hz	220V 50Hz
Dimension	350x200x270mm	370x370x270	530x320x290
Weight	5kg	9kg	12kg

Cycle Water Bath

- ◆Microprocessor control
- ◆Digital display inner temperature
- ◆One-timer-molding cistern
- ◆Good insulation performance with stainless steel cover
- ◆With inner cycle
- ◆ Prevent dry burning heating components effectively protect heating elements
- ◆ Optional stainless steel flat cover or roof cover



• WH-6C

Oil Bath

- ◆Microprocessor PID control
- ◆Digital display setting and actual temperature
- ◆Digital display running timer
- ◆PID self-tuning , over temperature alarm
- ◆Automatic alarm after operation
- ◆Annular butterfly cover, easy to operate
- ◆High efficiency heat preservation material, small heat loss



• HH-4

Model	WH-4C	WH-6C	WH-60C
Capacity	12L	16L	62L
Power	1000W	1500W	2500W
Pump power	40W	40W	60W
Circulation pump flow	≥4L/min	≥4L/min	≥8-10L/min
Temperature fluctuation	±0.1°C	±0.1°C	±0.5°C
Temperature range	RT+5 -99°C		
Temperature homogeneity	±0.5°C		
Voltage	110V 60Hz /220V 50Hz		
Working size(mm)	320x320x120	460x300x120	620x500x200
Dimension(mm)	460x330x240	640x330x250	700x450x320
Weight	8kg	11kg	37kg

Model	HH-1	HH-2	HH-4	HH-6	HH-8
Capacity	3L	6L	10L	16L	22L
Working size(mm)	160x160x120	300x160x120	300x300x120	460x300x120	600x300x120
Power	500W	1000W	1500W	2000W	2500W
Temperature fluctuation	±0.5°C	±0.5°C	±1°C	±1.5°C	±1.5°C
Temperature range	50-300°C				
Temperature homogeneity	±1°C				
Voltage	110V 60Hz /220V 50Hz				
Dimension(mm)	330x230x240	470x230x240	470x370x240	630x370x240	770x370x240
Weight	5.5kg	8kg	10kg	13kg	16kg

- ◆Microprocessor control , touch panel control
- ◆Multi purpose: room temperature to 99°C
- ◆Optional function: room temperature to 200 °C
- ◆One-timer-molding cistern , easy to clean
- ◆LCD display temperature setpoint and temperature measurements, with 0.1 °C resolution
- ◆Inside and outside pump cycle,inside circulation ensures temperature uniformity
- ◆With power-off protection,low water level protection and alarm
- ◆With the higher and lower temperature alarm setting function
- ◆With temperature run away protection and alarm function



• ZEN-TW



• 601



- ◆Microprocessor control,
- ◆Digital display setting /inner temperature
- ◆Good insulation performance with stainless steel cover
- ◆With Inner and outer cycle
- ◆Suitable for thermostatic , baking, dewaxing, sterilization

Model	ZEN-TW	601
Capacity	27L	20L
Inner size	460x300x200mm	400x280x180mm
Working size	340x300x200mm	300x280x180mm
Power	1200W	1000W
Temperature range	RT+5~99°C	RT+5 -99°C
Temperature accuracy	±0.5°C	±0.5°C
Timer	0-999min	0-999min
Pump flow	8-10L/min	6-8L/min
Voltage	110V 60Hz / 220V 50Hz	110V 60Hz /220V 50Hz
Dimension(mm)	530x330x430mm	480x380x400
Weight	14kg	12kg

- ◆Microprocessor PID control,
- ◆Digital display setting and actual temperature
- ◆Digital display running timer
- ◆PID self-tuning , over temperature alarm
- ◆Automatic alarm after operation
- ◆Stainless steel circle cover, easy to operation
- ◆Inside and outside pump cycle



• DHC-1010



• DLC-1120

- ◆Microcomputer control,touch panel control
- ◆LCD display temperature setpoint and temperature measurements, with 0.1 °C resolution
- ◆Inside and outside pump cycle
- ◆With power-off ,low water level protection and alarm
- ◆Over current protection, high temperature and low temperature alarm function, empty operated protection
- ◆With temperature runaway protection and alarm, parameter memory ,temperature correction function

Model	DHC-1005	DHC-1010	DHC-1020
Capacity	17L	17L	17L
Working size(mm)	300x260x220	300x260x220	300x260x220
Diameter (mm)	φ215	φ215	φ215
Heating power	1000W	1000W	1000W
Power	200W	260W	400W
Temperature range	-5~99°C	-10~99°C	-20~99°C
Temperature homogeneity	±0.5°C	±0.5°C	±0.5°C
Voltage	220V 50Hz	220V 50Hz	220V 50Hz
Dimension(mm)	450x390x860	450x390x860	450x390x860
Weight	42kg	46kg	50kg

Model	DLC-1120	DLC-0620
Capacity	20L	14L
Inner size	400x320x160mm	350x270x150mm
Open size	160x160mm	160x160mm
power	1500W	1000W
Temperature range	-20~99°C	-20~99°C
Temperature accuracy	±0.1°C	±0.1°C
Pump circulation mode	Inner and outer cycle	Inner and outer cycle
Pump flow	8-10L/min	8-10L/min
Voltage	110V 60Hz / 220V 50Hz	110V 60Hz / 220V 50Hz
Dimension(mm)	500x430x900mm	450x380x820mm
Weight	45kg	37kg

Biochemical Incubator

- ◆Microprocessor control temperature and timer
- ◆LED display temperature and running timer
- ◆Stainless steel inner, with door lock.
- ◆The glass door is convenient for observation.
- ◆Over temperature alarm,
- ◆Automatic alarm after operation.
- ◆BOD culture (optional interior with socket)



• SPX-150B

Illumination Incubator

- ◆Thermostatic equipment with lighting.
- ◆Microprocessor control temperature and timer
- ◆LED display temperature, speed and timer
- ◆Stainless steel inner, with door lock.
- ◆The glass door is convenient for observation.
- ◆Over temperature alarm
- ◆Automatic alarm after operation
- ◆Used in animalcule histolytic cultivation



• SPX-150G

Model	SPX-50B SPX-50C*	SPX-80B SPX-80C*	SPX-150B SPX-150C*	SPX-250B SPX-250C*	SPX-500B SPX-500C*
Capacity	50L	80L	186L	250L	500L
Heating power	100W	100W	142W	242W	350W
Compressor power	124W	124W	200W	200W	800W
Temperature accuracy	±0.5°C	±0.5	±1°C	±1°C	±1°C
Temperature range	5-60°C				
Timer	0-9999min				
Voltage	220V 50Hz				
Dimension(mm)	480x570x920	480x570x950	550x530x1630	610x540x1700	900x710x1830
Weight	36kg	38kg	60kg	70kg	165kg

Remark: SPX- C Series with LCD display temperature and time.

Model	SPX-150G	SPX-250G	SPX-300G	SPX-600G
Capacity	186L	250L	300L	600L
Temperature range	No illumination 5-50°C		with illumination 10-50°C	
Temperature accuracy	±0.5°C	±0.5°C	±1°C	±1°C
Heating power	100W	142W	800W	1200W
Compressor power	124W	200W	200W	320W
illumination	≥2500Lux	≥2500Lux	12000Lux	12000Lux
Timer	0-9999min	0-9999min	0-9999min	0-9999min
Voltage	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Dimension(mm)	550x530x1630	610x540x1700	680x660x1590	900x800x1850
Weight	64kg	78kg	110kg	175kg

Blood Bank Refrigerator

- ◆Microprocessor control temperature and deepfreeze timer, PID self-tuning
- ◆Independent high-low temperature alarm with adjustable alarm range, safe and reliable
- ◆Stainless steel inner, with door lock.
- ◆The glass window is convenient for observation.
- ◆High and low temperature alarm
- ◆Suit for the medical and health institutions, blood centers departments to store blood
- ◆Suit for cold preservation of medicine



• BLX-150/250

• BLX-50/80



• YLX-150B

Pharmaceutical Refrigerator

- ◆Microprocessor control temperature and deepfreeze timer
- ◆Independent high-low temperature alarm with adjustable alarm range, safe and reliable
- ◆Stainless steel inner, with door lock.
- ◆The glass window is convenient for observation.
- ◆High and low temperature alarm
- ◆Suit for cold preservation of medicine



Model	BLX-50	BLX-80	BLX-150	BLX-250
Capacity	50L	80L	186L	250L
Temperature range	0-8°C	0-8°C	0-8°C	0-8°C
Temperature accuracy	±0.5°C	±0.5°C	±1°C	±1°C
Power	200W	200W	300W	400W
Timer	0-9999min	0-9999min	0-9999min	0-9999min
Voltage	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Dimension(mm)	480x570x920	480x570x950	550x540x1470	600x560x1640
Weight	39kg	44kg	68kg	78kg

Model	YLX-150B	YLX-250B
Capacity	180L	250L
Temperature range	2-8°C	2-8°C
Temperature accuracy	±1°C	±1°C
Power	300W	400W
Timer	0-9999min	0-9999min
Temperature alarm range	upper limit 5-19°C, lower limit 0-5°C	upper limit 5-19°C, lower limit 0-5°C
Voltage	220V 50Hz	220V 50Hz
Dimension(mm)	550x540x1470	600x560x1640
Weight	68kg	78kg

- ◆Microprocessor control, over temperature alarm
- ◆Stainless steel interior
- ◆Digital display setting and actual temperature
- ◆Digital display running timer, PID self-tuning
- ◆Automatic alarm after operation
- ◆Suitable for constant temperature tests
- ◆With humidifier
- ◆Suitable for various microbial cultivation and incubation
- ◆ Optical printer function



• LHP-160

- ◆Microprocessor Programmable control
- ◆controlled by Temperature, humidity, illumination, time.
- ◆Day and night cycle work, simulate natural climate.
- ◆LCD display each parameter
- ◆Power failure memory, internal dehumidification, independent ventilation duct
- ◆Over temperature and sensor abnormal protection function, air duct overtemperature protection device,
- ◆Stainless steel interior, with humidifier



• PQX-160



Model	LHP-160	LHP-250	LHP-300	LHP-500
Capacity	160L	250L	300L	500L
Power	500W	800W	1000W	1500W
Temperature range	5~50°C, added humidity:10~45°C			
Temperature fluctuation	±1°C			
Humidity range	50-90%RH (when humidity is setting 90%RH,temperature is 35°C)			
Humidity fluctuation	±5% - ±8%RH			
Humidifier area	7L			
Timer	0-999min			
Voltage	220V 50Hz			
Dimension(mm)	600x585x1380	640x660x1590	680x660x1590	900x710x1830
Weight	78kg	125kg	140kg	180kg

Model	PQX-160	PQX-250	PQX-300	PQX-400	PQX-500
Capacity	160L	250L	300L	400L	500L
Power	600W	800W	1400W	1600W	1800W
Temperature fluctuation	±1°C	±1°C	±1°C	±1°C	±1°C
Temperature range	With Illumination10-50°C/ No illumination 5-50°C				
Illumination control	50-90%RH (when humidity is setting 90%RH,temperature is 35°C)				
Humidity range	0-12000LX adjustable				
Humidity fluctuation	±5% - ±8%RH				
Humidifier area	7L				
Timer	0-999min				
Voltage	220V 50Hz				
Dimension(mm)	600x585x1380	640x660x1590	680x660x1590	800x680x1730	900x710x1830
Weight	78kg	125kg	140kg	160kg	180kg

CO₂ INCUBATOR

- ◆Microprocessor control
- ◆Digital display setting and actual temperature
- ◆Over temperature alarm, PID self-tuning
- ◆Digital display running timer,
- ◆Stainless steel interior, with glass inner door,
- ◆CO₂ Sound and light alarm
- ◆Double gas filter, part warm door to avoid fogging
- ◆Heating mode: water jacket



• CHP-160

CO₂ INCUBATOR

- ◆Infrared carbon dioxide incubator
- ◆Microprocessor control
- ◆Digital display setting and actual temperature
- ◆Over temperature alarm, PID self-tuning
- ◆Digital display running timer,
- ◆Stainless steel interior, with glass inner door,
- ◆Double gas filter, part warm door to avoid fogging
- ◆With biologic filter, Disinfect with UV ray
- ◆Digital display co₂ density and moisture
- ◆Heating mode: water jacket



• CHP-160-IR

Model	CHP-80	CHP-160	CHP-80-IR	CHP-160-IR
Capacity	80L	160L	80L	160L
Working size (mm)	500x400x400	500x500x650	500x400x400	500x500x650
Power	680W	950W	680W	950W
Temperature range	RT+5~50°C		RT+5~50°C	
Temperature resolution	±0.5°C		±0.5°C	
Timer	0-999min		0-999min	
CO ₂ range	0-20%		0-20%	
CO ₂ precision	±0.1%		±0.1%	
Voltage	110V 60Hz /220V 50Hz		110V 60Hz /220V 50Hz	
Dimension(mm)	580x570x850	680x670x1000	580x570x850	680x670x1000
Weight	46kg	66kg	46kg	66kg

Anaerobic Incubator

- ◆Microprocessor control
- ◆Digital display setting and actual temperature
- ◆Combine of operation room, sample room, Gas circuit, circuit control system and Soluble wax sterilizer.
- ◆With UV-lamps , with special gloves
- ◆Gas circuit can adjust flow and input various gas needed.
- ◆Stainless steel interior
- ◆The front window made of transparency and Impact resistance of special glass
- ◆Operation room is equipped with special vaccination rods sterilizer, soluble wax disinfection device eliminate oxygen catalys



• YQX-II



• GNP-9050



Water Jacket Incubator

- ◆Water jacket, double stainless steel interior
- ◆Over temperature alarm
- ◆Water level high or low, automatic alarm
- ◆Microprocessor control
- ◆Digital display setting and actual temperature
- ◆Digital display running timer, PID self-tuning
- ◆Automatic alarm after operation

Model	YQX-II
Working size (mm)	800x600x650
Chamber size	250x190x290
Power	950W
Temperature range	RT+5~50°C
Temperature resolution	±1°C
time to Anaerobic state of sample room	<5min
time to Anaerobic state of operation room	<1hour
Anaerobic state hold time	More than 12hours if stop providing trace gas mixture for operation room
Voltage	220V 50Hz
Dimension(mm)	1200x750x1330
Weight	174kg

Model	GNP-9050	GNP-9080	GNP-9160	GNP-9270
Volume	50L	80L	160L	270L
Working size (mm)	350x350x410	400x400x500	500x500x650	600x600x750
Power	320W	470W	620W	770W
Temperature range	RT+5~65°C			
Temperature resolution	0.1°C			
Temperature fluctuation	±0.5°C			
Timer	0-999min			
Voltage	110V 60Hz /220V 50Hz			
Dimension(mm)	520x480x750	570x530x840	680x640x980	780x730x1080
Weight	35kg	45kg	59kg	79kg

Laboratory Incubator

- ◆Microprocessor control,
- ◆Digital display setting and actual temperature
- ◆Over temperature alarm, PID self-tuning
- ◆Digital display running timer,
- ◆Stainless steel interior
- ◆Electricity leakage protection.
- ◆With glass inner door, With hidden door locks,
- ◆Mechanical overheat protection, cut off the heating sources
- ◆Automatic alarm after operation



• IB-9052A



• DNP-9052A



- ◆Microprocessor control
- ◆Digital display setting and actual temperature
- ◆Over temperature alarm, PID self-tuning
- ◆Digital display running timer,
- ◆Stainless steel interior
- ◆With glass observe window
- ◆Automatic alarm after operation

Model	IB-9025A	IB-9052A	IB-9082A	IB-9162A	IB-9272A
Volume	15L	50L	80L	160L	270L
Working size (mm)	250x250x250	350x350x410	400x400x500	500x500x650	600x600x750
Power	150W	250W	300W	400W	600W
Temperature range	RT+5~65°C				
Temperature resolution	0.1°C				
Temperature fluctuation	±0.5°C				
Timer	0-999min				
Voltage	110V 60Hz /220V 50Hz				
Dimension(mm)	380x370x580	480x470x740	530x530x840	640x630x1000	730x720x1090
Weight	21kg	35kg	38kg	64kg	86kg

Model	DNP-9025A	DNP-9030A	DNP-9052A	DNP-9082A	DNP-9162A	DNP-9272A
Volume	15L	30L	50L	80L	160L	270L
Working size (mm)	250x250x250	300x300x350	350x350x410	400x400x500	500x500x650	600x600x750
Power	150W	200W	250W	300W	400W	600W
Temperature range	RT+5~65°C					
Temperature resolution	0.1°C					
Temperature fluctuation	±0.5°C					
Timer	0-999min					
Voltage	110V 60Hz /220V 50Hz					
Dimension(mm)	370x380x540	420x430x640	470x490x700	520x540x800	620x640x940	720x740x1010
Weight	20kg	28kg	34kg	44kg	61kg	82kg

Dry Oven

- ◆With hidden door locks , silent fans
- ◆Mechanical overheat protection
- ◆Electricity leakage protection.
- ◆With double glass window
- ◆Microprocessor control,
- ◆Digital display setting and actual temperature and time
- ◆Over temperature alarm , finished alarm



• OV-9053A

Dry /Incubator (Dual-purpose)

- ◆Microprocessor control, oven/incubator hierarchical control
- ◆With double glass window
- ◆Digital display setting and actual temperature
- ◆Digital display running timer
- ◆PID self-tuning, over temperature alarm
- ◆Automatic alarm after operation
- ◆Stainless-steel interior, chamber corners are semicircle



• PPH-030A

Model	OV-9023A	OV-9053A	OV-9073A	OV-9123A
Volume	25L	50L	70L	105L
Working size(mm)	300x300x275	415x375x345	450x350x450	550x370x520
Power	500W	1000W	1200W	1500W
Temperature range	RT+10-200℃			
Temperature resolution	0.1℃			
Temperature fluctuation	±1℃			
Timer	0-9999min			
Voltage	110V 60Hz /220V 50Hz			
Dimension(mm)	400x570x630	510x650x700	620x620x720	720x740x650
Weight	33kg	49kg	55kg	65kg

Model	PPH-030A	PPH-050A	PPH-070A	PPH-140A	PPH-240A
Volume	40L	50L	70L	140L	225L
Working size(mm)	350x350x350	415x375x345	450x350x450	550x450x550	500x600x750
Power	850W	850W	1100W	1600W	2100W
Temperature range	As incubator: RT+5~80℃, As oven 80~250℃				
Temperature resolution	0.1℃				
Temperature fluctuation	As incubator: ±0.5℃, As oven: ±1℃				
Timer	0-9999min				
Voltage	110V 60Hz /220V 50Hz				
Dimension(mm)	620x630x520	690x610x530	620x710x620	720x780x750	770x840x980
Weight	38kg	45kg	56kg	72kg	90kg

Dry Oven

- ◆Microprocessor control,
- ◆With double glass window
- ◆Digital display setting and actual temperature
- ◆Digital display running timer
- ◆PID self-tuning, over temperature alarm
- ◆Automatic alarm after operation
- ◆Stainless-steel interior, chamber corners are semicircle



• DHG-9053A

Model	DHG-9023A	DHG-9053A	DHG-9123A	DHG-9423A
Volume	25L	50L	105L	420L
Working size(mm)	300x300x275	415x375x345	550x370x520	600x550x1300
Power	500W	1000W	1500W	5000W
Temperature range	50~200℃			
Temperature resolution	0.1℃			
Temperature fluctuation	±1℃			
Timer	0-999min			
Voltage	110V 60Hz /220V 50Hz			
Dimension(mm)	570x530x460	690x610x530	720x700x720	870x1000x1500
Weight	28kg	39kg	58kg	120kg

Model	DHG-9030A	DHG-9070A	DHG-9140A	DHG-9240A	DHG-9624A
Volume	40L	70L	140L	225L	640L
Working size(mm)	350x350x350	450x350x450	550x450x550	500x600x750	800x800x1000
Power	500W	1000W	1500W	2000W	5000W
Temperature range	50~300℃				
Temperature resolution	0.1℃				
Temperature fluctuation	±1℃				
Timer	0-999min				
Voltage	110V 60Hz /220V 50Hz				
Dimension(mm)	620x630x520	620x710x620	720x780x750	770x840x980	940x1090x1380
Weight	34kg	48kg	64kg	80kg	150kg



• DZF-6020/6050



• DZF-6090/6210

- ◆Microprocessor control,
- ◆With glass window door,
- ◆Digital display setting and actual temperature
- ◆Digital display running timer
- ◆PID self-tuning, over temperature alarm
- ◆Automatic alarm after operation
- ◆Suitable for drying, baking, dewaxing, sterilization, heat treatment under vacuum conditions
- ◆DZF-6090/6210 with vacuum pump

Model	DZF-6020	DZF-6050	DZF-6090	DZF-6210
Volume	25L	50L	90L	210L
Working size(mm)	300x300x275	415x375x345	450x450x450	560x640x600
Power	1000W	1400W	1600W	2160W
Vacuum pump	Without	Without	Yes	Yes
Temperature range	50~180°C	50~200°C	50~250°C	50~250°C
Temperature fluctuation	± 1%			
Vacuum degree	<133Pa			
Timer	0-999min			
Voltage	220V 50Hz			
Dimension(mm)	570x460x460	710x540x550	610x670x1430	810x720x1590
Weight	39kg	56kg	107kg	140kg

Shaking Incubator

- ◆Microprocessor control temperature and timer
- ◆LED display temperature ,speed and timer
- ◆Stainless steel inner, with door lock.
- ◆stepless shaking speed adjustable
- ◆The glass door is convenient for observation.
- ◆The interior lighting is convenient for observation
- ◆Over temperature alarm, Finished work alarm
- ◆BOD culture, seed-breeding test
- ◆Thermostatic microorganism, plant cultivation



• BS-1E



• SHTR-140



- ◆ Microprocessor control temperature and timer
- ◆ LCD display temperature ,speed and timer
- ◆ Stainless steel inner,
- ◆ Stepless shaking speed adjustable ,brushless motor driver
- ◆ The glass window is convenient for observation.
- ◆ Over temperature alarm, Finished work alarm
- ◆ With power module failure, motor stall, Hall error, bus voltage undervoltage, overvoltage, communication failure alarm function

Model	BS-1E	BS-2F
Capacity	140L	280L
Temperature range	5-50°C	5-50°C
Temperature accuracy	± 1°C	± 1°C
Shaking speed	Start up ---300r/min	Start up---300r/min
Amplitude	20mm(Orbital)	20mm(Orbital)
Bottles capacity	Tube Ø 16x200,100mlx15,200mlx9	(Tube Ø 16x200,100mlx15,200mlx9)x2
Heating power	300W	400W
Compressor power	130W	180W
Timer	0-999min	0-999min
Voltage	220V 50Hz	220V 50Hz
Dimension(mm)	570x590x1100	1140x600x1100
Weight	62kg	110kg

Model	SHTR-140	SHTR-280
Capacity	140L	280L
Temperature range	4-60°C	4-60°C
Temperature accuracy	± 0.5°C	± 0.5°C
Shaking speed	Start up ---300r/min	Start up---300r/min
Amplitude	20mm(Orbital)	20mm(Orbital)
Bottles capacity	Tube Ø 16x200,100mlx15,200mlx9	(Tube Ø 16x200,100mlx15,200mlx9)x2
Heating power	300W	400W
Compressor power	200W	400W
Timer	0-999min	0-999min
Voltage	220V 50Hz	220V 50Hz
Dimension(mm)	600x630x1150	1180x630x1150
Weight	75kg	135kg



• RF-211B

- ◆ Three-dimensional self-balancing eccentric drive mechanism
- ◆ Black and white pen section of liquid crystal display
- ◆ Brushless motor control, long service life
- ◆ Temperature is controlled by Microcomputer controlling
- ◆ Temperature overshoot, faster stabilization time, better control precision etc..
- ◆ Speed of the brushless motor control with high reliability
- ◆ With module fault, motor stall, Holzer wrong, bus voltage undervoltage, overvoltage, communication fault alarm function.
- ◆ Optional RS485 communication

Model	RF-211B	CF-111
Max capacity	△250ml×40 or △500 ml×28 or△1000ml×18 or △2000ml×8 or △5000ml×6	△250ml×40 or △500 ml×28 or△1000ml×18 or △2000ml×8 or △5000ml×6
Tray size (mm)	900×480	900×480
Tray NO.	1pc	1pc
Standard configuration	2000ml×8	2000ml×8
Temperature range	4℃ ~ 60℃	RT+5℃ ~ 60℃
Temperature fluctuation	±0.5℃	±0.5℃
Heating power	350W	350W
Cooling power	570W	-----
Oscillation frequency	50 ~ 300 rpm	50 ~ 300 rpm
Frequency accuracy	±1 rpm	±1 rpm
Amplitude	Ø30mm	Ø30mm
Timer	0-9999min	0-9999min
power	220V 50Hz	220V 50Hz
Size (mm)	1290×610×970	1290×610×970
weight	180kg	160kg



• RL-211B

- ◆ Three-dimensional self-balancing eccentric drive mechanism
- ◆ Black and white pen section of liquid crystal display
- ◆ Brushless motor control, long service life
- ◆ Temperature is controlled by Microcomputer controlling
- ◆ Temperature overshoot, faster stabilization time, better control precision etc..
- ◆ Speed of the brushless motor control with high reliability
- ◆ With module fault, motor stall, Holzer wrong, bus voltage undervoltage, overvoltage, communication fault alarm function
- ◆ With oxygen replenishment function
- ◆ Optional RS485 communication

Model	RL-2112B	CL-112
Max capacity	△100ml×160 or △250ml×90 Or △500 ml×80 or△1000ml×36	△100ml×160 or △250ml×90 Or △500 ml×80 or△1000ml×36
Tray size (mm)	960×560	960×560
Tray NO.	2pcs	2pcs
Standard configuration	500ml×80	500ml×80
Temperature range	4℃ ~ 60℃	RT+5℃ ~ 60℃
Temperature fluctuation	±0.5℃	±0.5℃
Heating power	350W	350W
Cooling power	570W	-----
Oscillation frequency	50 ~ 300 rpm	50 ~ 300 rpm
Frequency accuracy	±1 rpm	±1 rpm
Amplitude	Ø30mm	Ø30mm
Timer	0-9999min	0-9999min
power	220V 50Hz	220V 50Hz
Size (mm)	1175×855×1620	1175×855×1620
weight	200kg	180kg



• RTS-200B

- ◆ Three-dimensional self-balancing eccentric drive mechanism
- ◆ Black and white segment type LCD display
- ◆ Brushless motor control, long service life
- ◆ With gating, forward and reverse setting, acceleration / deceleration time setting, motor power setting function
- ◆ With power module failure, motor stall, Hall error, bus voltage undervoltage, overvoltage, communication failure alarm function
- ◆ Optional RS485 communication

Model	RTS-200B	CTS-100
Working size (mm)	420×450×340	420×450×340
Tray size (mm)	400×370	400×370
Max capacity	△ 100ml×16/ △ 250ml×12/ △ 500 ml×9/ △ 1000ml×4	△ 100ml×16/ △ 250ml×12/ △ 500 ml×9/ △ 1000ml×4
Standard configuration	500ml×3 250ml×3 100ml×8	500ml×3 250ml×3 100ml×8
Temperature range	4°C ~ 60°C	RT+5°C ~ 60°C
Temperature fluctuation	±0.5°C	±0.5°C
Heating power	300W	300W
Cooling power	200W	-----
Oscillation frequency	40 ~ 300 rpm	40 ~ 300 rpm
Frequency accuracy	±1 rpm	±1 rpm
Amplitude	Ø26mm	Ø26mm
Timer	0-9999min	0-9999min
power	220V 50Hz	220V 50Hz
Size (mm)	620×600×520	620×600×520
Weight	35kg	25kg

Water Bath Shaker

- ◆ Microprocessor PID control,
- ◆ Digital display actual temperature
- ◆ With mechanical timer
- ◆ Good insulation performance with stainless steel roof cover
- ◆ Stainless steel interior and cover
- ◆ Universal spring clamp, use for all kinds of reagent bottle
- ◆ SHZ-A temperature speed and time digital display control



• SHA-C

Plasma Thawing Instrument

- ◆ Microprocessor PID control,
- ◆ Digital display actual temperature
- ◆ Stainless steel interior
- ◆ With over temperature protection, alarm and auto cut-off
- ◆ Stainless steel basket
- ◆ Automatic arms swing system
- ◆ Prevent dry burning heating components, effectively protect heating elements
- ◆ Optional stainless steel flat cover or roof cover



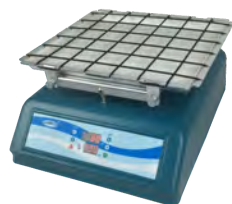
• RJ-4

Model	SHA-C	SHZ-82	SHA-B	SHA-Z
Shaking mode	Reciprocating	Orbital	Reciprocating & Orbital	Reciprocating
Working size(mm)	490x390x160			
Clamp size	390x290			
Temperature range	RT+5~99°C			
Temperature fluctuation	±0.5°C			
Heating power	2000W			
Timer range	0-120min or with no limit			0-999min
Shaking frequency	Start up -300rpm, stepless speed adjustment			
Amplitude	20mm			
Voltage	110V 60Hz /220V 50Hz			
Dimension(mm)	710x510x450	710x510x450	710x510x540	710x510x540
Weight	35kg	35kg	40kg	35kg

Model	RJ-2	RJ-4	RJ-8	RJ-12
capacity	2 bags	4 bags	8 bags	12 bags
Heating power	800W	1000W	1500W	1800W
Temperature range	37°C ± 1°C			
Temperature fluctuation	± 0.5°C			
Defrosting time	≤ 10min			
Shaking frequency	80rpm			
Voltage	110V 60Hz /220V 50Hz			
Dimension(mm)	450x340x410	450x460x410	690x460x410	690x550x410
Weight	16kg	21kg	30kg	46kg



• SK-01



• SK-01D

- ◆ Small volume, light weight, can be applied to the incubator and low temperature box
- ◆ Aluminum Alloy carrier, equipped with anti-skid pads, heavy loads and effective fixed sample
- ◆ Stepless adjustable speed,
- ◆ A variety of fixtures are optional and used in various laboratories for analysis and inspection
- ◆ SK-D serials digital display speed and time. Finished work alarm.

Model	SK-01	SK-02	SK-03	SK-04	SK-01D	SK-02D	SK-03D	SK-04D
Motion type	3D	up and down	Orbital	reciprocating	3D	up and down	Orbital	reciprocating
Speed range	0-80rpm	0-80rpm	0-200rpm	0-200rpm	0-80rpm	0-80rpm	40-200rpm	40-200rpm
Max angle	7°	10°	---	---	7°	10°	---	---
Amplitude	---	---	20mm	20mm	---	---	20mm	20mm
Timer	---		0-990min					
Working size(mm)	280x240							
Power	20W							
Voltage	100V-240V 50-60Hz							
Dimension(mm)	260x280x140							
Weight	5kg							

Blood Mixer



• ZM-7



• ZM-7D

- ◆ The 7D series features digital display, speed and time
- ◆ With 360 degrees of rolling and swaying motion - anticoagulated blood in the bottle tube can provide sufficient and effective mixing
- ◆ Apply to dry powder reagent, freeze drying, quality control material mixing,
- ◆ Suitable for different specifications of test tube

Model	ZM-7	ZM-7D
Motion type	Roll & swing	Roll & swing
Speed range	20-80rpm	20-80rpm
Amplitude	22mm	22mm
Power	15W	15W
Time	---	0-990min
Voltage	100V-240V 50-60Hz	
Dimension(mm)	440x360x95	
Weight	4kg	



• ZJ201A



• XH-C



• KJMR-IV



• HY-4

Product name	Microplate Oscillator	Vortex mixer	Blood mixer	Shaker
Model	ZJ-201A	XH-C	KJMR-IV	HY-4
Motion type	Orbital	Orbital	Orbital	Reciprocating
Clamp type	hemagglutination plate	Rubber head φ55mm	Disk 220 mm	Multi-use spring
Speed range	Start up-2600rpm	Continuous 2800rpm Inching 2000rpm	0-80rpm	start up-300rpm
Timer	0-60min	---	---	0-120min
Amplitude size	5mm	5mm	---	20mm
Voltage	110V 60Hz /220V 50Hz			
Dimension(mm)	190x190x120	φ105x142mm	250x250x300	400x270x100
Weight	2kg	2.6kg	4.5kg	5kg



• ZJZD-III



• ZJZD-IV



• MS-1

Product name	VDRL shaker	VDRL shaker	Intelligent shaker
Model	ZJZD-III	ZJZD-IV	MS-1
motion type	Orbital	Orbital	Orbital
Platform Dimension(mm)	315x218	315x218	420x290
Speed range	0-210rpm	0-210rpm	Start up-300rpm
Speed display	---	Yes	Yes
Amplitude size	22mm	22mm	20mm
Timer	0-60min	0-24hour	0-99h59min
Voltage	220V 50Hz	220V 50Hz	220V 50Hz
Dimension(mm)	320x320x125	320x320x125	420x410x260
Weight	6kg	6kg	18kg



• 78HW-1



• HJ-3

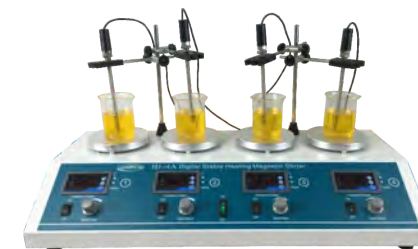


• HJ-3A

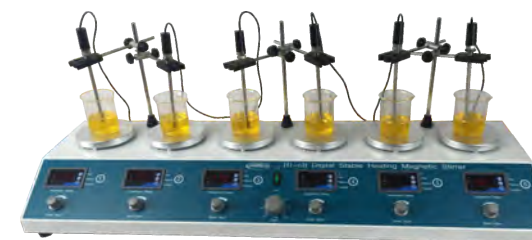
Model	78HW-1	HJ-3	HJ-3A
Speed range	start up ~1600 rpm	start up ~1600 rpm	start up ~1600 rpm
Speed display	----	----	Yes
Stirring power	25W	40W	60W
Temperature range	RT+5 ~99°C	RT+5 ~99°C	RT+5 ~99°C
Heating power	120W	150W	250W
Platform Dimension	∅ 120mm	∅ 120mm	165x165mm
Timer	----	0~120 minutes(or with no limit)	
Capacity	100~1000ml	100~1000ml	100~5000ml
Voltage	110V 60Hz/220V 50Hz	110V 60Hz/220V 50Hz	110V 60Hz/220V 50Hz
Dimension(mm)	225x160x130	225x160x130	265x210x160
Weight	2kg	2kg	5kg



• HJ-2



• HJ-4A



• HJ-6B

Magnetic Stirrer



• 85-1



• CJ881



• 78-1



• 79-1

Product name	Magnetic Stirrer	High power Magnetic Stirrer	Magnetic Heating Stirrer	Magnetic Heating Stirrer
Model	85-1	CJ881	78-1	79-1
Stirring power	25W	60W	25W	40W
Heating power	---	---	120W	150W
Platform Dimension	130x120mm	250x250mm	∅ 120mm	∅ 120mm
Capacity	100~1000ml	100~10000ml	100~2000ml	100~2000ml
Speed range	start up ~1600 rpm stepless speed adjustment			
Voltage	110V 60Hz/220V 50Hz			
Dimension(mm)	130x145x70	250x250x140	225x160x130	170x250x110
Weight	1.5kg	5kg	2kg	2kg

Product name	Multi-in-one Magnetic Heated Stirrer	Four/Six-in-one Magnetic Heated Stirrer	Four/Six-in-one Magnetic Heated Stirrer
Model	HJ-2/4/6	HJ-4A	HJ-6B
Speed range	start up ~1600 rpm stepless speed adjustment	start up ~1600 rpm, stepless speed adjustment	start up ~1600 rpm, stepless speed adjustment
Temperature range	---	RT+5 ~99°C	RT+5 ~99°C
Heating power	2/4/6x120W	4/6x120W	4/6x120W
Stirring power	2/4/6x 25W	4/6x 25W	4/6x25W
Platform Dimension	2/4/6x ∅ 120mm	4/6x ∅ 120mm	4/6x ∅ 120mm
Capacity	2/4/6x100~1000ml	4/6x100~1000ml	4/6x100~1000ml
Timer	0~120 minutes(or with no limit)		
Voltage	110V 60Hz/220V 50Hz		
Characteristic	---	Digital display temperature	Digital display temperature and speed
Dimension(mm)	300/600/900x280x125	660/720x300x125	960/1060x300x125
Weight	4/8/12kg	9kg	14kg

ELECTRIC STIRRER

- ◆Cantilever type design, can prevent the liquid into the machine
- ◆Large range of cooling the body surface, uniform rapid cooling, prevent the operation temperature rises
- ◆Motivation is big, is applicable to work long hours
- ◆Especially suitable for the mixing of large capacity with high viscosity fluid used in laboratory.



• GZ-20 • GZ-20A



• HC-160C



- ◆Microcomputer intelligent control, LED display speed,time
- ◆Avoid maintenance, low noise, DC brushless motor drive
- ◆Transmission stirrer, it is convenient to change the container during the experiment
- ◆Automatic overload protection, guarantee the safe operation of the experimental high load for a long time
- ◆Microcomputer control, timing control state, the end of the work after five minutes, can automatically cut off the machine power supply, safe, energy-saving.
- ◆Strong stirring, suitable for high viscosity medium and paste work for a long hours

Model	GZ-20	GZ-20A
speed adjustable range	60-500rpm 240-2000rpm	60-500rpm 240-2000rpm
Power	120W	120W
Holding the agitator	0.5-10mm	0.5-10mm
Display of speed	-----	YES
Voltage	110V 60Hz / 220V 50Hz	110V 60Hz / 220V 50Hz
Dimension(mm)	300x220x700	300x220x700
Weight	10kg	10kg

Model	HS-160C	HS-200C
Speed range	50-2000rpm	50-2000rpm
Power	160W	200W
Max torque	100Nm	150Nm
Timing	0-999min	0-999min
Max stirring viscosity	20000Ps	30000Ps
Maxmixing capacity	20L	30L
Clamping stirring rod	∅ 0.5-10mm	∅ 0.5-10mm
Voltage	110V 60Hz / 220V 50Hz	110V 60Hz / 220V 50Hz
Dimension(mm)	300x220x700	300x220x700
Weight	10kg	12kg



• JJ-1



• JJ-5



• ES-300C

Product name	Electric Stirrer	Speed measuring Electric Stirrer	LCD constant speed Electric Stirrer
Model	JJ-1	JJ-5	ES-300C
Power	60W 100W 160W 200W	60W 100W 160W 200W	300W
Speed range	Start up-3000rpm	Start up-3000rpm	Start up-2000rpm
Timer	0-120min or all the time	0-120min or all the time	0-999min or all the time
Voltage	110V 60Hz/220V 50Hz	110V 60Hz/220V 50Hz	110V 60Hz/220V 50Hz
Max stirrer water capacity	20L	20L	50L
Characteristic	-----	Digital display speed	Drill chuck, ∅ 0.5-10mm Brushless motor drive
Dimension(mm)	370x200x640	370x200x640	370x340x680
Weight	8kg	9kg	12kg



• A-88



• FSH-2A



• JJ-3

Product name	Tissue Triturator	High Speed Homogenizer	Six-in-one Electric Stirrer
Model	A-88 (JJ-2)	FSH-2A	JJ-3
Power	200W	185W	6x60W
Capacity	1000ml	5ml, 10ml, 15ml, 20ml	6x5000ml
Speed range	start up ~12000 rpm	Blade No.1: 8000~18000 rpm Blade No.2: 8000~20000 rpm	start up ~2800 rpm
Dimension(mm)	230x230x420	300x250x400	1000x260x650
Weight	7kg	10kg	34kg



• MHS-A

• MHS-B

• MHS-C

- ◆Ceramic platforms, excellent quality
- ◆Nonradiative, acid proof, alkali proof , easily clean
- ◆Touchable controller, stepless speed adjustment
- ◆LED display Temperature, speed and time
- ◆With Time and date record, max time: 9999mins
- ◆Widely used in laboratory for chemicals liquid heating and mixing.

Model	MHS-A	MHS-B	MHS-C
Speed range	start up ~1600 rpm	start up ~1600 rpm	start up ~1600 rpm
Speed display	Yes	----	----
Heating power	600W	600W	600W
Stirring power	60W	60W	60W
Temperature range	50~320°C	50~320°C	50~320°C
Temperature precision	±0.1°C	±0.1°C	----
Timer	0-9999min	0-999min	----
Working plate size(mm)	180x180mm	180x180mm	180x180mm
Voltage	110V 60Hz/220V 50Hz	110V 60Hz/220V 50Hz	110V 60Hz/220V 50Hz
Characteristic	Microprocessor control Digital display speed, time, temperature	Digital display temperature	Analog adjust the temperature and speed
Dimension(mm)	205x300x150	205x300x150	205x300x150
Weight	6kg	6kg	5.5kg



Type A	Size DxL (mm)	Type B	Size DxL (mm)	Type C	Size DxL (mm)	Type S	Size HxD(mm)
A100	Ø 6*10	B100	Ø5x10	C50	Ø 3*5	S542	5.5x42
A150	Ø 7*15	B150	Ø 5x15	C100	Ø 5*10	Recoverer	Size L(mm)
A200	Ø 8*20	B200	Ø 8x20	C150	Ø 5*15	R25	250mm
A250	Ø 10*25	B250	Ø 8x25	C200	Ø 6*20	R30	300mm
A300	Ø 11*30	B300	Ø 7x30	C250	Ø 7*25	R35	350mm
A350	Ø 12*35	B350	Ø 9x35	C300	Ø 6*30	R40	400mm
A400	Ø 15*40	B400	Ø 8x40	C400	Ø 8*40	Paddle	Size L(mm)
A500	Ø 16*50	B500	Ø 11x50	C500	Ø 8*50	P30	300mm
A600	Ø 20*60	B700	Ø 10x70	C600	Ø 9*60	P40	400mm
A700	Ø 20*70	B998	Ø 10.5x100	C800	Ø 9*80	P50	500mm

Dry Bath Incubator

- ◆Metal module, suitable for a variety of centrifuge tube
- ◆Temperature, time real-time LED display.
- ◆Built-in over temperature protection device, use more reliable.
- ◆Temperature PID intelligent deviation calibration.
- ◆After the temperature control time runs, alarm prompts.
- ◆Automatic fault detection



• DB-115

Blocks:

Model	DB-115	Each Model	Module NO.	Description
Max power	500W	DB-115-A	MD-01	24x2.0ml tubes
Temperature range	RT+5~100°C	DB-115-B	MD-02	48x1.5ml tubes
Temperature stability	±0.5°C	DB-115-C	MD-03	54x0.5ml tubes
Temperature accuracy	0.1°C	DB-115-D	MD-04	96x0.2ml tubes
Capacity	24x1.5ml (standard)	DB-115-E	MD-05	35x2.0ml tubes
Time	0-999min	DB-115-F	MD-06	15x0.5ml + 20x1.5ml
Heating Time	≤30min	DB-115-G	MD-07	20x5ml tubes
Material of heating	Aluminium	DB-115-H	MD-08	12x15ml tubes
Voltage	110V/60Hz/220V 50Hz	DB-115-I	MD-09	16x10ml tubes
Dimension	240x240x140mm	DB-115-J	MD-10	6x50ml tubes
Weight	7kg	DB-115-K	MD-11	15x5ml Eppendorf tube

Hot-air Sterilizer

- ◆ Microprocessor control,
- ◆ With double glass window
- ◆ Digital display setting and actual temperature
- ◆ Digital display running timer
- ◆ PID self-tuning, over temperature alarm
- ◆ Automatic alarm after operation
- ◆ Stainless-steel interior



• GRX-9053A

Model	GRX-9023A	GRX-9053A	GRX-9073A	GRX-9123A	GRX-9203A
Volume	25L	50L	70L	105L	225L
Working size(mm)	300x300x275	415x375x345	450x350x450	550x370x520	600x500x750
Power	500W	1000W	1200W	1500W	2500W
Temperature range	RT+10-250°C				
Temperature resolution	0.1°C				
Temperature fluctuation	±1°C				
Timer	0-999min				
Voltage	110V 60Hz /220V 50Hz				
Dimension(mm)	570x530x460	690x610x530	610x700x620	720x700x720	840x820x830
Weight	28kg	33kg	48kg	58kg	85kg

Desktop Boiling Sterilizer



• YXF-420



- ◆ Heater with high and fast thermal efficiency
- ◆ Timer range: 0-120mins
- ◆ Small, safe and durable
- ◆ With bakelite handle, more safety for operation.
- ◆ Applicable to hospital, clinics, scientific research institutions for boiled sterilizing of operation apparatus and glassware for medical use.

Model	YXF-320	YXF-420	YXF-600
Working size(mm)	300x160x120	400x180x130	580x280x130
Power	1000W	1500W	2000W
Timer	0-120min	0-120min	0-120min
Voltage	110V 60Hz /220V 50Hz	110V 60Hz /220V 50Hz	110V 60Hz /220V 50Hz
Dimension(mm)	370x230x260	470x250x280	650x350x280
Weight	5kg	6kg	11kg

Portable Sterilizer

Function:

- ◆ A---- Electric-heating
- ◆ B--- Electric/coal heating
- ◆ AM---- Electric-heating, Auto control , Analog adjust the temperature and time
- ◆ AD---Automatic, with over temperature protection and alarm, low water auto cut off, LED display, Microprocessor control temperature and time



• YX280AM

• YX280AD

• YX280A

• YX280B

- ◆ Stainless steel
- ◆ Overpressure auto-discharging 0.145-0.165MPa
- ◆ Max working temperature 126°C
- ◆ Dual scale numerical indication pressure gauge
- ◆ Self inflating type seal
- ◆ The movable interior is convenient for operation

Model	YX280A	YX280A+	YX280B	YX280B+
Capacity	18L	24L	18L	24L
Heating Mode	Electric-heating		Electric/ coal heating	
Power	2KW			
Disinfecting pressure	0.14-0.165Mpa			
Max working temperature	126°C			
Voltage	110V 60Hz /220V 50Hz			
Dimension(mm)	390x390x540	390x390x650	390x390x440	390x390x540
Weight	14kg	19kg	12.5kg	17kg

Model	YX280AM	YX280AM+	YX280AD	YX280AD+
Capacity	18L	24L	18L	24L
Timer	0-60min	0-60min	0-999min	0-999min
Heating mode	Electric-heating			
Power	2KW			
Disinfecting pressure	0.14-0.165Mpa			
Max working temperature	126°C			
Voltage	220V 50Hz			
Dimension(mm)	390x390x540	390x390x650	390x390x540	390x390x650
Weight	14.5kg	19kg	15.5kg	22.5kg

- ◆ Hand wheel type of quick-open door structure
- ◆ Mechanical safety interlocking device
- ◆ Computer control auto recycle sterilization
- ◆ LED screen indicate working state
- ◆ Temperature scope 50°C-126°C
- ◆ Time scope 0-9999min
- ◆ Overpressure auto-discharging 0.145-0.165Mpa
- ◆ Automatic shut down with beep reminding after sterilization
- ◆ Fully stainless steel



• LDZX-40B

Model	LDZX-40B LDZX-40BD LDZX-40BP	LDZX-50B LDZX-50BD LDZX-50BP	LDZX-75B LDZX-75BD LDZX-75BP	LDZX-100B LDZX-100BD LDZX-100BP	LDZX-150B LDZX-150BD LDZX-150BP
Capacity	40L	50L	75L	100L	150L
Sterilization room size	Φ340×425mm	Φ340×525mm	Φ380×530mm	Φ500×560mm	Φ500×760mm
Maximum pressure	0.145-0.165Mpa				
Maximum temperature	126°C				
Maximum timer	9999min				
Heating power	3.5KW	3.5KW	4.5KW	6.0KW	6.0KW
Power supply	220V 50Hz	220V 50Hz	380V 50Hz	380V 50Hz	380V 50Hz
Dimension(mm)	510x510x1200	510x510x1250	570x570x1300	600×600×1360	600×600×1560
Weight	55kg	58kg	77kg	120kg	140kg

* Remark: LDZX-BD serial : with drying function.
LDZX-BP serial : FO Value printing function with sterilization effect.



Automatic Table Top Steam Sterilizer

- ◆ Quality stainless steel liner, sealed cover
- ◆ Microcomputer control, automatic cycle, arbitrary sterilization procedures, Touch buttons
- ◆ Safety interlocking device, Open top water tank
- ◆ Quipped with standard test interface
- ◆ Europe CLASS N.standard
- ◆ Over temperature , over voltage , low water level protection, anti dry burning
- ◆ Sterilization end buzzer reminder, automatic stop
- ◆ Automatic cooling air, sterilization end automatic exhaust steam
- ◆ Built-in steam generator to provide saturated steam quickly



• B18C



• B18C-V



- ◆ Microcomputer control, stainless steel liner, sealed cover
- ◆ Safety interlocking device ,Open style top water tank
- ◆ With BD test: HELIX TEST, Vacuum test
- ◆ LCD display and touch type button
- ◆ With standard test interface
- ◆ Europe CLASS B standard
- ◆ Over temperature , over voltage , low water level, anti dry burning, and safety door lock
- ◆ Three times pre-vacuum with drying function
- ◆ Sterilization end buzzer reminder, automatic stop
- ◆ Automatic cold air, automatic exhaust steam after sterilization
- ◆ Built-in steam generator to provide saturated steam quickly

Model	B8C	B12C	B16C	B18C	B23C
Capacity	8L	12L	16L	18L	23L
Power	1500W	1800W	1800W	2200W	2200W
Power supply	110V 60Hz /220V 50Hz				
Max pressure	0.22 MPa				
Working temperature	134 °C				
Sterilization room size(mm)	ø170×360	ø200×385	ø230×390	ø250×370	ø250×470
Dimension(mm)	370x345x565	445x400x690	445x400x690	480x465x690	480x465x690
Weight	32kg	43kg	44kg	48kg	53kg

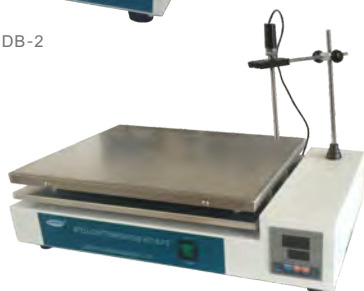
Model	B8C-V	B12C-V	B16C-V	B18C-V	B23C-V
Capacity	8L	12L	16L	18L	23L
Power	1500W	1800W	1800W	2200W	2200W
Power supply	110V 60Hz /220V 50Hz				
Max pressure	0.22 MPa				
Working temperature	134 °C				
Sterilization room size(mm)	ø170×360	ø200×385	ø230×390	ø250×370	ø250×470
Dimension(mm)	370x345x565	445x400x690	445x400x690	480x465x690	480x465x690
Weight	35kg	46kg	47kg	52kg	58kg



• DB-2



• HP-1000



• DB-3A

Product name	Hot plate			
Model	DB-1	DB-2	DB-3	DB-4
Heating power	500W	1000W	2000W	2500W
Platform Dimension(mm)	200x150mm	300x200mm	380x200mm	400x300mm
Voltage	110V 60Hz/220V 50Hz	110V 60Hz/220V 50Hz	110V 60Hz/220V 50Hz	110V 60Hz/220V 50Hz
Dimension(mm)	200x150x140/4kg	300x200x140/6kg	380x200x140/8kg	400x300x140/12.5kg

Product name	Intelligent temperature hot plate			
Model	DB-1A	DB-2A	DB-3A	DB-4A
Temperature range	RT~300°C	RT~300°C	RT~300°C	RT~300°C
Heating power	500W	1000W	2000W	2500W
Platform Dimension(mm)	200x150mm	300x200mm	380x200mm	400x300mm
Voltage	110V 60Hz/220V 50Hz	110V 60Hz/220V 50Hz	110V 60Hz/220V 50Hz	220V 50Hz
Dimension(mm)	300x150x140/5kg	400x200x140/7kg	480x200x140/9.5kg	500x300x140/14kg

Product name	Ceramic hot plate		
Model	HP-1000	HP-1500	HP-2000
Max Temperature	320°C	320°C	320°C
Heating power	1000W	1500W	2000W
Platform Dimension(mm)	300x200mm	300x300mm	450x300mm
Voltage	110V 60Hz/220V 50Hz	110V 60Hz/220V 50Hz	220V 50Hz
Dimension(mm)	300x200x180/6kg	300x300x180/8kg	450x300x180/14kg

Water Distiller



• SZ-96



• SZ-93



• SZ-97

Product name	Glass water distiller	Glass water distiller	Glass water distiller
Model	SZ-96	SZ-93	SZ-97
Water yield	1600 ml/h	1600 ml/h	1600 ml/h
Heating power	1800W	1800Wx2	1800Wx3
Distillation mode	Single distillation	Double distillation	Tri- distillation
Voltage	220V 50Hz	220V 50Hz	220V 50Hz
Characteristic	Heated by quartz pipe	Heated by quartz pipes	Heated by quartz pipes
Dimension(mm)	700x200x680	700x340x800	800x460x900
Weight	5.5kg	10kg	16kg



• YAZD-5



• YAZD-10WS



• YAZD-20

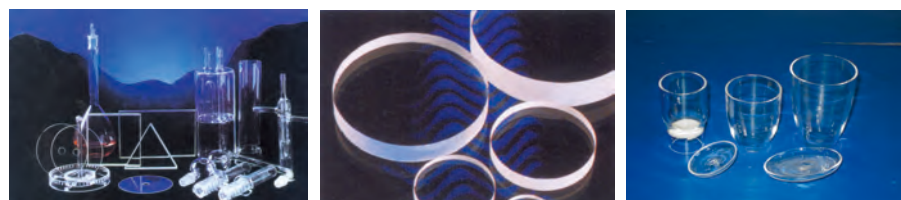
Product name	Stainless steel water distiller			Automatic cut off Stainless steel water distiller		
Model	YAZD-5	YAZD-10	YAZD-20	YAZD-5WS	YAZD-10WS	YAZD-20WS
Water yield	5L/H	10L/H	20L/H	5L/H	10L/H	20L/H
Heating power	4.5KW	7.5KW	13.5KW	4.5KW	7.5KW	13.5KW
Voltage	220V 50Hz	380V 50Hz	380V 50Hz	220V 50Hz	380V 50Hz	380V 50Hz
Dimension(mm)	320x200x680	360x250x770	470x330x750	320x200x680	360x250x770	470x330x750
Weight	5kg	6kg	10kg	7kg	8kg	12kg



Vacuum system

Quartz infrared pool

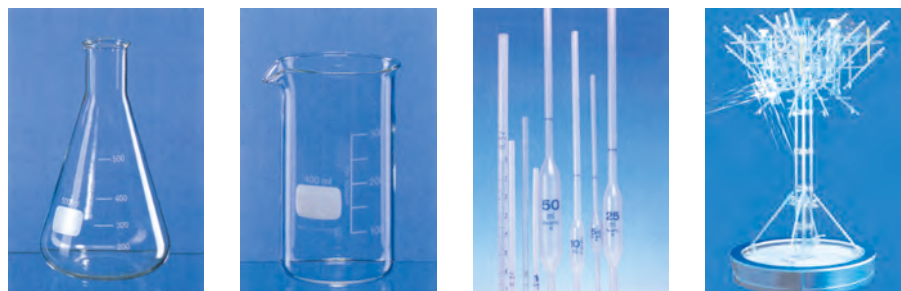
Double-deck square quartz box



Quartz wares

Quartz sight glass

Quartz stand core crucible

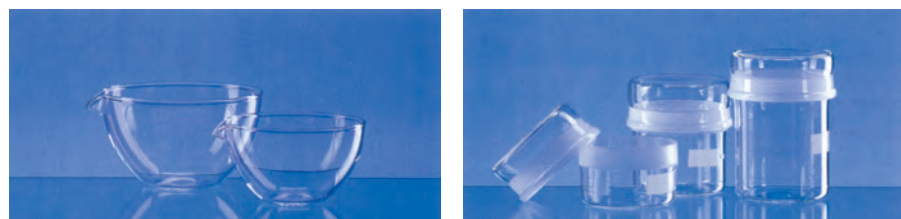


Quartz triangular flask

Quartz beaker

Quartz pipette

Quartz tube products



Quartz evaporating dish

Quartz weighing beaker



Standard Cuvette

W24 Cuvette

Micro Cuvette

Standard cuvette	Outside DxWxH(mm)	Path length(mm)	Volume(ml)
751-5	7.4x12.4x45	5	1.7
751-10	12.4x12.4x45	10	3.5
751-20	22.4x12.4x45	20	7
751-30	32.4x12.4x45	30	10.5
751-40	42.4x12.4x45	40	14
751-50	52.4x12.4x45	50	17.5
751-100	102.4x12.4x45	100	35

W24 Series cuvette	Outside DxWxH(mm)	Path length(mm)	Volume(ml)
1x24mm	5x24x40	1	0.7
3x24mm	7x24x40	3	2.1
5x24mm	9x24x40	5	3.5
10x24mm	14x24x40	10	7
20x24mm	24x24x40	20	14
30x24mm	34x24x40	30	21
50x24mm	54x24x40	50	35
100x24mm	104x24x40	100	70

Micro cuvette	Outside DxWxH(mm)	Path length(mm)	Volume(ul)
M-200	12.4x12.4x45	10	200ul 1mm
M-500	12.4x12.4x45	10	500ul 2mm
M-750	12.4x12.4x45	10	750ul 3mm
M-1000	12.4x12.4x45	10	1000ul 4mm



NOTE

Model	Volume range(μl)	Increment(μl)	Measure volume (μl)	Inacc.%	Impr.%	Tip
APT1-10	0.5-10μl	0.1 μl	10μl	±3.0	≤12.01	10μl
			5μl	±6.0	≤13.01	
			1μl	±10.0	≤13.01	
APT1-20	2-20μl	0.5μl	20μl	±3.0	≤11.51	200μl
			10μl	±3.0	≤12.01	
			2μl	±10.0	≤13.01	
APT1-50	5-50μl	0.5μl	50μl	±2.4	≤11.51	200μl
			25μl	±2.8	≤12.01	
			5μl	±6.0	≤13.01	
APT1-100	10-100μl	1μl	100μl	±1.5	≤11.01	200μl
			50μl	±2.2	≤11.51	
			10μl	±3.0	≤12.01	
APT1-200	20-200μl	1μl	200μl	±1.5	≤11.01	200μl
			100μl	±1.5	≤11.01	
			20μl	±3.0	≤11.51	
APT1-1000	100-1000μl	5μl	1000μl	±1.2	≤10.51	1000μl
			500μl	±1.5	≤10.51	
			100μl	±1.5	≤11.01	
APT1-5000	1000-5000μl	50μl	5000μl	±1.0	≤10.51	5000μl
			2500μl	±1.0	≤10.51	
			1000μl	±1.2	≤10.51	

Multichannel-volume pipette 8 channel /12 channel

8 channel / Model	Volume range (μl)	increment (μl)	Tip
APT8-10	0.5-10μl	0.1μl	10μl
APT8-50	5-50μl	0.5μl	200μl
APT8-300	50-300μl	5μl	300μl/350μl
12 channel / Model			
APT12-10	0.5-10μl	0.1μl	10μl
APT12-50	5-50μl	0.5μl	200μl
APT12-300	50-300μl	5μl	300μl/350μl

Pipette pump

Model	Volume	color
PP-02	2ml	Blue
PP-10	10ml	Green
PP-25	25ml	Red

