



LM series

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(Low-Temp.) Orbital Shaking Incubator—Large Vertical type

Features

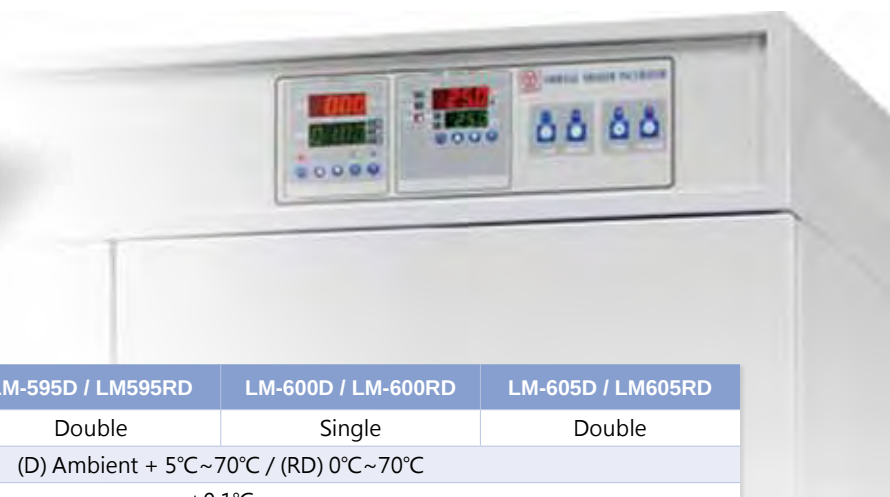
- Inside material is SUS304 and outside body is powder painting
- Install light to view inside clearly
- The compressor will be delayed to start working if power cut and with timer for defrost. Using environmental protection cold-media R134a
- With safety switch to stop shaking when opening door
- Three-point bearing transmission is adopted suitable for heavy loads and continuous duty
- Tempered Safety Glass Window for operation view
- Uses brushless AC motor for long durability and stable performance of the shaking system
- Overheat and over low protector, built-in circulating fan for temperature stability
- Made In Taiwan



▲ LM-590



▲ LM-600



Specifications

Model No.	LM-590D / LM-590RD	LM-595D / LM-595RD	LM-600D / LM-600RD	LM-605D / LM-605RD
Platform	Single	Double	Single	Double
Temp. Range	(D) Ambient + 5°C~70°C / (RD) 0°C~70°C			
Temp. Accuracy	±0.1°C			
Temp. Control	Micro-computer PID temperature controller			
Temp. Display	LED 2-screen digital display actual and setting temperature			
Shaking Speed	20~250 r.p.m	20~150 r.p.m	20~250 r.p.m	20~150 r.p.m
Shaking Width	50 mm			
Timer	999 h / 999 min / 999 sec			
Heater	1600 W			
Illumination	Fluorescent lamp 20 W			
SHELF (Adjustable)	2	1	2	1
Volume	560 L	560 L	834 L	834 L
Refrigerator	N/A	1/3 HP	N/A	1/2 HP
Shaking Plate Size	740 x 480 mm		960 x 600 mm	
Inside Dimension (WxDxH)	860 x 600 x 1100 mm		1100 x 690 x 1100 mm	
Outside Dimension (WxDxH)	940 x 800 x 1840 mm		1190 x 920 x 1840 mm	
Weight (Approx.)	280 kg		300 kg	

Capacity for flasks

Flask Clamp	125ml	250ml	500ml	1000ml	2000ml	3000ml	4000ml	5000ml
LM-590 (R)D	48	40	24	12	9	6	6	4
LM-595 (R)D	96	60	40	24	-	-	-	-
LM-600 (R)D	78	50	36	18	10	10	8	8
LM-605 (R)D	156	100	72	36	-	-	-	-

Power Voltage : 110V/220V 50Hz/60Hz

(Low-temp.)Orbital Dual Shaking Incubator

NEW



Features

- Inside material is SUS304 and outside body is powder painting
- The compressor will be delayed to start working if power cut and with timer for defrost Using environmental protection cold-media R134a
- Three-point bearing transmission is adopted suitable for heavy loads and continuous duty.
- Internal light provide clear chamber visibility
- Tempered Safety Glass Window for operation view
- Uses brushless AC motor for long durability and stable performance of the shaking system
- Touch Screen panel
- With safety switch to stop shaking when opening door
- Each machine operates independently if required
- Overheat and over low protector, built-in circulating fan for temperature stability
- Made In Taiwan

◀ LM-2570



Specifications

Model No.	LM-2570D	LM-2570RD	LM-2575D	LM-2575RD
Platform	Single		Double	
Temp. Range	Ambient +5℃~70℃	0℃~70℃	Ambient +5℃~70℃	0℃~70℃
Temp. Accuracy	±0.1℃			
Temp. Control	PID			
Temp. Display	LED 2-screen digital display actual and setting temperature			
Shaker Speed	20~250 r.p.m		20~150 r.p.m	
Shaking Width	25 mm			
Timer	999 h / 999 min / 999 sec			
Heater	900 W each chamber			
Refrigerator	N/A	1/4 HP	N/A	1/4 HP
Volume	Each chamber 175 L			
Shaking Plate Size	640 x 440 mm			
Inside Dimension (WxDxH)	700 x 500 x 500 mm			
Outside Dimensin (WxDxH)	780 x 690 x 1720 mm			
Shelf (Adjustable)	1		N/A	
Weight (Approx.)	160 kg	170 kg	170 kg	180 kg

Capacity for flasks

Flask Clamp	125ml	250ml	500ml	1000ml	2000ml	3000ml	4000ml	5000ml
LM-2570D (RD)	40	28	20	12	6	6	2	2
LM-2575D (RD)	40 x 4 set	28 x 4 set	20 x 4 set	-	-	-	-	-

Power Voltage : 110V/220V 50Hz/60Hz

(Low-Temp.) Orbital Shaking Incubator—Vertical type

Features

- Inside material is SUS304 and outside body is powder painting
- Install light to view inside clearly
- The compressor will be delayed to start working if power cut and with timer for defrost. Using environmental protection cold-media R134a.
- With safety switch to stop shaking when opening door
- Three-point bearing transmission is adopted suitable for heavy loads and continuous duty
- Transparent glass observation window
- Uses brushless AC motor for long durability and stable performance of the shaking system
- Overheat and over low protector, built-in circulating fan for temperature stability.
- Made In Taiwan



▲ LM-570



► LM-575

Specifications

Model No.	LM-570D	LM-570RD	LM-575D	LM-575RD
Platfrom	Single		Double	
Temp. Range	Ambient +5C~0°C	0°C~70°C	Ambient +5C~70°C	0°C~70°C
Temp. Accuracy	±0.1°C			
Temp. Control	PID temperature control			
Temp. Display	LED digital display			
Shaking Speed	20~300 r.p.m		20~150 r.p.m	
Shaking Width	25 mm			
Timer	999 h / 999 min / 999 sec			
Heater	900 W			
Volume	150 L		150 L	
Shelf	1 (Adjustable)		N/A	
Refrigerator	N/A	1/4 HP	N/A	1/4 HP
Shaking Plate	480 x 380 mm			
Inside Dimension (WxDxH)	600 x 500 x 500 mm			
Outside Dimension (WxDxH)	680 x 690 x 860 mm			
Weight (Approx.)	85 kg	98 kg	90 kg	100 kg

Capacity for flasks

Flask Clamp	125ml	250ml	500ml	1000ml	2000ml	3000ml	4000ml	5000ml
LM-570D(RD)	30	20	12	6	5	4	2	1
LM-575D(RD)	30 x 2 set	20 x 2 set	12 x 2 set	-	-	-	-	-

Power Voltage : 110V/220V 50Hz/60Hz

Large Capacity Shaking Incubator—Horizontal type

Features

- Inside material is SUS304 and outside body is powder painting
- Screen-touch panel
- Install light to view inside clearly
- The compressor will be delayed to start working if power cut and with timer for defrost. Using environmental protection cold-media R134a.
- With safety switch to stop shaking when opening door
- Three-point bearing transmission is adopted suitable for heavy loads and continuous duty.
- Transparent glass observation window.
- Uses brushless AC motor for long durability and stable performance of the shaking system.
- Overheat and over low protector, built-in circulating fan for temperature stability.
- Made In Taiwan



▲ LM-530

Specifications

Model No.	LM-510D	LM-510RD	LM-530D	LM-530RD
Temp. Range	Ambient+5°C~70°C	0°C~70°C	Ambient+5°C~70°C	0°C~70°C
Temp. Accuracy	±0.1°C			
Temp. Control	PID temperature control			
Temp. Display	LED digital display			
Shaking Speed	20~250 r.p.m			
Shaking Width	50 mm			
Timer	999 h / 999 min / 999 sec			
Heater	1200 W			
Illumination	Fluorescent lamp 20 W			
Refrigerator	N/A	1/4 HP	N/A	1/3 HP
Volume	205 L	205 L	381 L	381 L
Shaking Plate	600 x 480 mm		960 x 600 mm	
Inside Dimension (WxDxH)	680 x 560 x 540 mm		1040 x 680 x 540 mm	
Outside Dimension (WxDxH)	1010 x 640 x 870 mm		1370 x 760 x 870 mm	
Weight (Approx.)	160 kg	200 kg	270 kg	300 kg

Capacity for flasks

Flask Clamp	125ml	250ml	500ml	1000ml	2000ml	3000ml	4000ml	5000ml
LM-510D (R)	48	30	20	12	9	6	6	4
LM-530D (R)	96	60	40	24	15	15	12	8

(Low-Temp.) Orbital Shaking Incubator—Double Door

Features

- Inside material is SUS304 and outside body is powder painting
- The compressor will be delayed to start working if power cut timed defrosting, using environmental cold media R134a
- Internal light provide clear chamber visibility
- Tempered Safety Glass Window for operation view
- With safety switch to stop shaking when opening door
- Touch Screen panel
- Uses brushless AC motor for long durability and stable performance of the shaking system.
- Overheat and over low protector, built-in circulating fan for temperature stability.
- Three-point bearing transmission is adopted suitable for heavy loads and continuous duty.
- Made In Taiwan



▲ LM-2530

Specifications

Model No.	LM-2530D	LM-2530RD
Temp. Range	Ambient+5°C~70°C	0°C~70°C
Temp. Accuracy	±0.1°C	
Temp. Control	PID	
Temp. Display	LED	
Shaking Speed	20~250 r.p.m	
Shaking Width	50 mm	
Timer	999 h / 999 min / 999 sec	
Heater	1200 W	
Illumination	Fluorescent lamp 20 W	
Refrigerator	N/A	1/3 HP
Volume	300 L	
Shaking Plate Size	900 x 500 mm	
Inside Dimension (WxDxH)	1000 x 600 x 500 mm	
Outside Dimension (WxDxH)	1380 x 690 x 890 mm	
Shelf	1 (Adjustable)	
Weight	200 kg	280 kg

Capacity for flasks

Flask Clamp	125ml	250ml	500ml	1000ml	2000ml	3000ml	4000ml	5000ml
LM-2530D (RD)	66	50	32	18	10	10	3	3

Power Voltage : 110V/220V 50Hz/60Hz

Orbital Shaking incubator—Benchtop type



◀ LM-450D



▲ LM-420D



▲ LM-400D

Features

- Inside material is SUS304 and outside body is powder painting
- Touch Screen Panel .
- Overheat and over low protector, built-in circulating fan for temperature stability.
- With safety switch to stop shaking when opening door
- Tempered Safety Glass Window for operation view
- Uses brushless AC motor for long durability and stable performance of the shaking system.
- Shaking smoothly and quietly
- Made In Taiwan

Specifications

Model No.	LM-400D	LM-450D	LM-420D
Type	Flip-up door		Upright
Temp. Range	Ambient +5°C~70°C		
Shaking Speed	20~250 r.p.m		
Temp. Accuracy	±0.1°C		
Temp. Control	PID		
Temp. Display	LED		
Shaking Width	25 mm		
Timer	999 h / 999 min / 999 sec		
Shaking Plate Size	400 x 300 mm	450 x 450 mm	400 x 300 mm
Volume	66 L	102 L	65 L
Inside Dimension (WxDxH)	455 x 390 x 380 mm	500 x 540 x 380 mm	450 x 390 x 370 mm
Outside Dimension (WxDxH)	460 x 510 x 540 mm	510 x 650 x 540 mm	520 x 550 x 610 mm
Weight	30 kg	40 kg	50 kg

Capacity for flasks

Flask Clamp	50ml	125ml	250ml	500ml	1000ml	2000ml
LM-400D	35	20	12	6	4	2
LM-420D	35	20	12	6	4	2
LM-450D	64	36	25	16	9	5

Optional Accessories

AC-210



AC-220



AC-220-30-16



AC-220-16



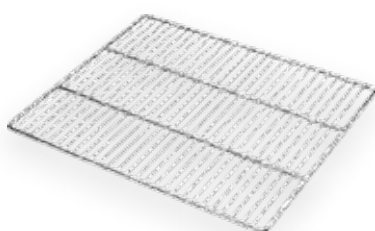
AC-210-96



AC-210-CHT



AC-230



AC-230-304



Number	1	2	3	4	5	6	7	8
Reference	AC-210	AC-220	AC-220-30-16	AC-220-16	AC-210-96	AC-210-CHT	AC-230	AC-230-304
Description	Tray with clamps	Tube rack	Combination 15 ml, 6 wells 50 ml, 6 wells	15 ml, 42 wells	96 well microplate	Non slip rubber	Shelf	Shelf SUS 304
	Apply to all models	Apply to all models	Apply to all models	Apply to all models	Apply to all models	Apply to all models	Apply to all models	Apply to all models
Bottle Capacity	15~50 cc			15 cc				

● We accept custom-made product in different size

Cooled Incubator

Features

- Automatic high and low temperature alarm to prevent the temperature from going too high and dropping too low
- Built-in circulating fan for temperature stability
- Humidity System, illumination and Timer can be install if required
- The compressor will be delayed to start working if power cut and with timer for defrost. Using environmental protection cold-media R134a
- Internal Power socket
- Touch-screen panel
- Made In Taiwan

NEW

Glass Window (TSC)



▲ LE-519RD ▲ LE-550RD ▲ LE-400RD ▲ LE-2509RD ▲ LE-509RD ▲ LE-80RD

Specifications

Model No.	LE-519RD	LE-550RD	LE-400RD	LE-509RD	LE-2509RD	LE-80RD
Temp. Range	0°C~70°C					
Temp. Accuracy	±0.1°C					
Temp. Control	PID					
Temp. Display	LED digital display actual and setting temperature					
Temp. Sensor	PT-100 Ω					
Heater	900 W	1200 W	1200 W	900 W	900 W x 2	900 W
Volume	590 L	550 L	400 L	150 L	175 L x 2	80 L
Shelf (Adjustable)	4	4	4	2	2	2
Inside Material	Strengthen white porcelain	SUS 304				
Refrigerator	1/3 HP	1/3 HP	1/3 HP	1/4 HP	1/4 HP	1/4 HP
Inside Dimension (mm) (WxDxH)	680 x 600 x 1450	680 x 580 x 1400	600 x 500x1350	600 x 500 x 500	700 x 500 x 500	500 x 400 x 400
Outside Dimension (mm) (WxDxH)	815 x 800 x 1940	760 x 820 x 1860	670 x 740 x 1820	680 x 700 x 825	780 x 690 x 1720	560 x 550 x 670
Weight	90 kg	90 kg	90 kg	78 kg	150 kg	50 kg

● Available in custome made designs

Power Voltage : 110V/220V 50Hz/60Hz

Incubator

Features

- Inside material is SUS304 and outside body is powder painting
- Touch-screen panel
- Overheat protector
- Double doors allow samples viewing from the inner door
- Inside have transparent observation door
- Made in Taiwan
- Nature convection for the temperature stability



▲ LE-20D

▲ LE-30D

▲ LE-50D

▲ LE-150D

Specifications

Model Flask / Clamps	LE-20D	LE-30D	LE-40D	LE-50D	LE-80D	LE-150D
Temp. Range	Ambient+5°C~70°C					
Tem. Accuracy	±0.1°C					
Temp. Control	PID					
Temp. Display	LED 2-screen digital display actual and setting temperature					
Temp. Sensor	PT-100 Ω					
Heater	350 W			500 W		
Volume	20 L	30 L	40 L	50 L	80 L	150 L
Shelf (Adjustable)	1			2		
Inside Dimension (mm) (WxDxH)	330 x 300 x 210	330 x 300 x 310	400 x 300 x 330	400 x 300 x 420	500 x 400 x 400	600 x 500 x 500
Outside Dimension (mm) (WxDxH)	430 x 400 x 430	430 x 400 x 530	500 x 400 x 530	500 x 400 x 630	600 x 510 x 720	700 x 610 x 820

Power Voltage : 110V/220V 50Hz/60Hz

Large Force Convection Oven—Double door

Features

- Ovens are used for many applications as baking, drying, conditioning, sterilizing, electroplate, plastic, chemical industry, printing, hard ware, pharmacy, tea fired, bake industry....etc
- Inner case is SUS 304 and outside body is powder painting .
- Tempered Safety Glass Window to see inside without door opening
- Install double over temperature protection.
- All models are with fan assisted air circulation, air vent on both side t
- Brake wheels, easy to move
- Silent fan motor
- Made in Taiwan



Specifications

Model No.	DK-1000	DK-1200	DK-1400	DK-1800
Temp. Range	40°C~200°C (250°C)			
Temp. Accuracy	±1°C			
Temp. Control	PID			
Temp. Display	LED			
Temp. Sensor	Thermo couple K type			
Keep Warm	Mineral wool / Glass wool			
Safety Device	EGO (Double over temperature protection)			
Volume	600 L	720 L	1008 L	2160 L
Timer	99 h / 59 min			
Self	4 (Adjustable)			
Power Voltage	220V 50/60Hz 1PH		220V 50/60Hz 3PH	
Inside Dimension (WxDxH)	1000 x 600 x 1000 mm	1200 x 600 x 1000 mm	1400 x 600 x 1200 mm	1800 x 1000 x 1200 mm
Outside Dimension (WxDxH)	1250 x 750 x 1580 mm	1450 x 750 x 1580 mm	1650 x 750 x 1820 mm	2000 x 1200 x 1980 mm

Large Forced Convection Oven—Single Door

Features

- Ideal for Large Volume Baking Electronic Parts, Drying, Conditioning and Sterilizing
- inner case is SUS 304 and outside body is powder painting .
- Tempered Safety Glass Window to see inside without door opening
- Install double over temperature protection.
- All models are with fan assisted air circulation, air vent on both side t
- Brake wheels easy to move
- Made In Taiwan



▲ DK-800



▲ DK-601

Specifications

Model No.	DK-601	DK-800
Temp. Range	Ambient +5°C~210°C (250°C)	
Temp. Accuracy	±1°C	
Temp. Control	PID	
Temp. Display	LED digital display	
Temp. Sensor	K-TYPE	
Heater	4000 W	
Volume	270 L	480 L
Timer	99 h / 59 min	
Keep Warm	Rock wool fiber	
Shelf (Adjustable)	4	
Power Voltage	220V 50/60Hz 1PH	
Inside Dimension (WxDxH)	600 x 500 x 900 mm	800 x 600 x 1000 mm
Outside Dimension (WxDxH)	780 x 620 x 1520 mm	980 x 720 x 1620 mm
Weight	130 kg	200 kg

Power Voltage : 110V/220V 50Hz/60Hz

Forced Convection Oven

Features

- Inside material is SUS304 and outside body is powder painting
- Touch-screen panel
- Transparent tempered glass observation window.
- Motor's axle of stainless steel
- Double Overheat temperature protector
- Using the mineral wool for keep warm
- Built-in circulating fan for temperature stability and with vent can let the steam to evaporate
- Made In Taiwan



◀ DK-600



▲ DK-30D



▲ DK-500

Specifications

Model No.	DK-30D/DK-30DT	DK-500D/DK-500DT	DK-600D/DK-600DT
Temp. Range	Ambient +5°C~210°C		
Temp. Accuracy	±1°C		
Temp. Control	PID		
Temp. Display	LED digital display		
Temp. Sensor	K-TYPE		
Heater	500 W	1200 W	1600 W
Volume	30 L	80 L	150 L
Timer	D series are without Timer / DK series are with timer		
Shelf (Adjustable)	2		
Inside Dimension (WxDxH)	330 x 300 x 310 mm	500 x 400 x 400 mm	600 x 500 x 500 mm
Outside Dimension (WxDxH)	430 x 395 x 570 mm	600 x 510 x 720 mm	700 x 660 x 820 mm
Weight	22 kg	47 kg	73 kg

● We accept "customized order" to high temperature Power Voltage : 110V/220V 50Hz/60Hz

Hybridization shaking oven

Features

- Inside material is SUS304 and outside body is powder painting
- Touch-screen panel
- Speed and temperature with digital display
- Built-in circulating fan for temperature stability
- Full accessories are available ..
- Orbital(bi-directional) / Rotation / Rocking motion
- Made In Taiwan



▲ OH-800D



▲ OH-801D



◀ OH-AC-H



◀ OH-AC-1.5



◀ OH-AC-15



◀ OH-AC-50



▲ AC-210-96



Specifications

Model No.	OH-800D	OH-801RD	OH-801DS	OH-801RK
Shaking	Rotation+orbital	Rotation	Orbital	Rocking
Temp. Range	Ambient +5°C~80°C			
Temp. Accuracy	±0.1°C			
Temp. Control	PID			
Temp. Display	LED			
Rotor Speed	6~50 r.p.m	6~50 r.p.m	-	-
Rotor Capacity	8 pcs (Max)	Supplied 8 pcs (Max)	-	-
Shaker Speed	10~100 r.p.m	-	20~200 r.p.m	6~60 r.p.m
Shaking Width	25 mm	-	-	-
Shaker Capacity	Carry 6 kg			
Timer	999 h / 999 min / 999 sec			
Shaking Plate	310 x 210 mm		310 x 210 mm	
Inside Dimension (WxDxH)	350 x 250 x 425 mm		350 x 255 x 250 mm	
Outside Dimension (WxDxH)	440 x 375 x 660 mm		440 x 375 x 410 mm	
Weight	33 kg		23 kg	

Power Voltage : 110V/220V 50Hz/60Hz

Orbital Shaker

Features

- Designed for continuous-operation orbital shaking
- Three-point bearing transmission is adopted suitable for heavy loads and continuous duty.
- Rubber non-slip mat to prevent slipping
- Build-in timer is up to 999/h,m,s.and alarm when time out
- Uses brushless AC motor with spring
- Made in Taiwan



▲ TS-505



▲ TS-500A

▲ TS-500

Specifications

Model No.	TS-500	TS-505	TS-500A
Panel Type	Analogue		
Motion	Orbital		Rocking
Shaking Speed	20~250 r.p.m		6~60 r.p.m
Timer	30 m		
Shaking Width	25 mm		35 mm
Shaking Plate	330 x 280 mm		
Overall Dimension (WxDxH)	330 x 280 x 170 mm	330 x 280 x 370 mm	330 x 280 x 250 mm
Weight	11 kg	12 kg	10 kg

Power Voltage : 110V/220V 50Hz/60Hz

Orbital shaker

Features

- LED 2-screen digital display actual and setting r.p.m.
- Designed for continuous-operation orbital shaking L
- Differential clamps available
- Three-point bearing transmission is adopted suitable for heavy loads and continuous duty.
- Rubber non-slip mat to prevent slipping
- Build-in timer is up to 999/h,m,s and alarm when time out
- Uses brushless AC motor with spring
- Made In Taiwan



▲ TS-505D



▲ TS-500D



▲ TS-500AD

Specifications

Model No.	TS-500D	TS-505D	TS-500AD
Panel Type	Digital		
Motion	Orbital		Rocking
Rate of Shaking	20~250 r.p.m	20~150 r.p.m	6~60 r.p.m
Timer	999 h / 999 min / 999 sec		
Shaking Width	25 mm		35 mm
Shaking Plate	330 x 280 mm		
Outside Dimension (WxDxH)	330 x 280 x 170 mm	330 x 280 x 370 mm	330 x 280 x 250 mm
Weight	11 kg	12 kg	10 kg

Power Voltage : 110V/220V 50Hz/60Hz

Orbital Shaker—Flask Clamp Platform

Features

- Touch-screen panel, LED 2-screen digital display
- Actual and setting speed
- With Digital speed controller and timer
- Shaking smoothly and quietly
- Suitable for carrying heavy load
- Long service time
- Memory of power cut, uses brushless AC motor
- platform can accommodate a mix of flask clamps
- Made In Taiwan



▲ TS-580D

▲ TS-560D

▲ TS-520D

Specifications

Model No.	TS-520D	TS-560D	TS-580D
Control Panel	Digital		
Shaking Speed	20~250 r.p.m		
Shaking Width	25 mm	25 mm	50 mm
Timer	999 h / 999 min / 999 sec		
Shaking Plate	400 x 300 mm	600 x 480 mm	960 x 600 mm
Outside Dimension (WxDxH)	400 x 300 x 220 mm	600 x 480 x 220 mm	965 x 610 x 220 mm
Weight	16 kg	31 kg	98 kg

Capacity for flasks

Flask Clamp	125ml	250ml	500ml	1000ml	2000ml	3000ml	4000ml	5000ml
TS-520D	20	12	6	4	2	1	1	1
TS-560D	48	30	20	12	8	6	6	4
TS-580D	96	60	40	24	15	15	12	8

Power Voltage : 110V/220V 50Hz/60Hz

Orbital Shaker—Double Platform

Features

- Touch-screen panel. LED 2-screen digital display
- Actual and setting speed
- Shaking smoothly and quietly
- Suitable for carrying heavy duty
- With variable speed, timer control and continuous
- Operation
- Memory of power cut, uses brushless AC motor
- Differential clamps available
- Double platform for large capacity
- Msde In Taiwan



▲ TS-525D

▲ TS-565D

▲ TS-585D



Specifications

Model No.	TS-525D	TS-565D	TS-585D
Control Panel	Digital		
Shaking Speed	20~150 r.p.m		
Shaking Width	25 mm		
Timer	999 h / 999 min / 999 sec		
Shaking Plate	400 x 300 2 pcs	580 x 460 2 pcs	960 x 600 2 pcs
Outside Dimension (WxDxH)	400 x 300 x 500 mm	600 x 480 x 500 mm	960 x 600 x 500 mm
Weight	20 kg	60 kg	107 kg

Capacity for flasks

Flask Clamp	125ml	250ml	500ml
TS-525D	40	24	12
TS-565D	96	60	40
TS-585D	192	120	80

Power Voltage : 110V/220V 50Hz/60Hz

Circulating Water Bath

Features

- Tank is using seamless stainless steel and outside body is powder painting
- Screen-touch panel, micro-computer PID digital display
- Overheat protector
- The water bath with circulator using electric heat tube to unify temperature inside
- Add exterior circulator as require
- The sensor is PT-100Ω
- Gable cover (AC-100) sold separately for your option.
- Heater of stainless steel
- External Circulating Pump is Available
- Heating circulator sold separately for your option



▲ Y-K-BH-W



◀ Y-K-BH-B



▲ BH-230D



▲ BH-130D



▲ Y-K-BH

Specifications

Model No.	Temp. Range	Temp. Accuracy	Temp. Control	Temp. Display	Volume	Inside Dimension (WxDxH)	Outside Dimension (WxDxH)	Weight
BH-130D	Ambient +5°C~100°C	±0.1°C	PID Control	LED	10 L	295 x 235 x 150	340 x 280 x 310	7 kg
BH-230D					20 L	495 x 295 x 150	540 x 340 x 310	9 kg
Y-K-BH-130					BH-130D Standard heating controller			
Y-K-BH-230					BH-230D Standard heating controller			
Y-K-BH-W-130					BH-130D Exterior circulator controller			
Y-K-BH-W-230					BH-230D Exterior circulator controller			
Y-K-BH-T-130					BH-130D with Timer			
Y-K-BH-T-230					BH-230D with Timer			
Y-K-BH-F-130					BH-130D with Water level protector			
Y-K-BH-F-230					BH-230D with Water level protector			
Y-K-BH-B					Will apply for all models			

Power Voltage : 110V/220V 50Hz/60Hz

Unstirred Water Bath

▼ Optional gable cover



Features

- Tank is using seamless stainless steel and outside body is powder painting
- Screen-touch panel, micro-computer PID digital display
- Overheat protector
- The water bath with circulator using electric heat tube to unify temperature inside
- The sensor is PT-100Ω
- Gable cover (AC-100) sold separately for your option.
- Heater of stainless steel
- Made in Taiwan



▲ BU-410D



▲ BU-420D

Specifications

Model No.	BU-410D	BU-420D
Temp. Range	Ambient +5°C~100°C	
Temp. Accuracy	±0.1°C	
Temp. Control	PID Control	
Temp. Display	LED Display	
Volume	10 L	20 L
Inside Dimension (WxDxH)	295 x 235 x 150 mm	495 x 295 x 150 mm
Outside Dimension (WxDxH)	340 x 280 x 315 mm	540 x 340 x 315 mm
Weight	8 kg	12 kg

Power Voltage : 110V/220V 50Hz/60Hz

● We accept "customized" order for different capacity

Refrigerated Circulating Baths

Features

- Circulator to unify temperature inside
- Accurate temperature control with protector
- PID controlled speed and temperature with LED digital display
- Compressor will be delayed to start working if power cut
- Using environmental protection cold-media R134a
- Made with SUS 304 stainless steel body with powder coating
- Pump of pressurize sold separately for your option
- Fitted with device for exterior circulator and drainage stopcock for easy cleaning
- Sensor is using PT-100
- BL-720D series have wheels can move easily



▲ Y-K-BL



▲ BL-720D



▲ BL-710D

Specifications

Model No.	BL-720D		BL-710D	
Model	BL-720D-0	BL-720D-20	BL-710D-0	BL-710D-20
Temp. Range	0°C~100°C	-20°C~100°C	0°C~100°C	-20°C~100°C
Temp. Accuracy	±0.1°C			
Temp. Control	PID			
Temp. Sensor	PT-100 Ω			
Temp. Display	LED			
Volume	20 L		10 L	
Refrigerator	1/2 HP	3/4 HP	1/6 HP	1/4 HP
Circulation Pump	10 L / min			
Heater	1600 W		1200 W	
Bath Opening	300 x 210 mm		200 x 150 mm	
Inside Dimension (WxDxH)	300 x 360 x 180 mm		200 x 300 x 150 mm	
Outside Dimension (WxDxH)	420 x 480 x 800 mm		300 x 400 x 680 mm	
Weight	50 kg		30 kg	

● We accept "customized" order to lower temperature

Power Voltage : 110V/220V 50Hz/60Hz

(Low-Temp.) Reciprocal Shaker Water Bath

Features

- Accurate temperature control
- Shaking speed is stable and smooth
- With drainage stopcock for easy cleaning
- Supplied with one set of clamps
- PID controlled speed and temperature with LED digital display
- Made with SUS 304 stainless steel body with powder coating
- Gable cover and tube rack are sold separately for your option



▲ BT-350



▲ BT-150



▲ BT-680

Specifications

Model No.	BT-150D	BT-150RD	BT-350D	BT-350RD	BT-680D
Temp. Range	Ambient +5°C~100°C	0~100°C	Ambient +5°C~100°C	0~100°C	Ambient +5°C~100°C
Temp. Control	PID				
Temp. Display	LED				
Temp. Accuracy	±0.1°C				
Refrigerator	N/A	1/4 HP	N/A	1/4 HP	N/A
Shaking Speed	20~200				
Shaking Width	0.5"~1.5" (Adjustable)				
Volume	22 L		38 L		50 L
Heater	1200 W	1200 W	1600 W	1600 W	1200 W
Shaking Plate	300 x 240 mm	300 x 250 mm	400 x 300 mm	400 x 300 mm	470 x 320 mm
Inside Dimension (WxDxH)	500 x 300 x 150 mm	500 x 300 x 150 mm	610 x 350 x 180 mm	610 x 350 x 180 mm	560 x 410 x 220 mm
Outside Dimension (WxDxH)	710 x 350 x 360 mm	710 x 350 x 590 mm	820 x 400 x 390 mm	820 x 400 x 650 mm	720 x 530 x 540 mm

Capacity for flasks

Flask Clamp	125ml	250ml	500ml	1000ml	2000ml	3000ml	5000ml
BT-150(R)D	12	6	4	2	2	1	-
BT-350(R)D	24	15	8	6	2	2	1
BT-680D	24	15	12	6	6	2	1

Power Voltage : 110V/220V 50Hz/60Hz

Growth Chamber with High Illumination



▲ GC-2460



Scope of Application

- Animals, plant cell culture
- Insect
- Plant culture
- Tissue culture
- Domestication treatment
- Algae culture
- Pathology observation
- Biochemical experiment
- Made in Taiwan



◀ GC-2660



Specifications

Model No.	GC-2460 / GC-2460H	GC-2660 / GC-2660H
Temp. Range	0°C~45°C	
Temp. Control	Micro-computer PID temperature controller, PV actual value and SV setting value displayed at the same time, with independent day/night temperature	
Control Precision	±0.02°C dpi 0.1°C	
Touch Setting	Power, cooling, temperature, humidity, light, timer, all using touch setting	
Safety Device	Electronic LCD display, precision setting 0.1°C, overheat and over low cut off device. 2-stage protection with safety protection alarm and indicator, compressor delay-start, high and low pressure of cold media protection device	
Heater / Cooler	1KW SUS 304# / 7000 BTU	1.5KW SUS 304# / 12000 BTU
Humi. Control	Micro-computer PID temperature controller, PV actual value and SV setting value displayed at the same time	
Humi. Range	30% RH~90% RH	
Control Precision	±0.02% dpi : 0.1%RH / ±3% RH	
Display / Safety Device	Digital display/Electronic setting precision 0.1%RH, with high or low humidity alarm	
Humidifier	Ultrasonic wave stainless steel humidifier	
Illumination Device	4-sides glasses heat insulation illumination : 0~30000LUX for choose, independent light control	
Timer Device	24h temperature and light control	
Shelf / Material	5 pcs	10 pcs
Inside Dimension (WxDxH)	620 x 620 x 1300 mm	1200 x 690 x 1300 mm
Outside Dimension (WxDxH)	910 x 930 x 2070 mm	1490 x 1000 x 2070 mm
Weight	500 L	1076 L
Power Voltage	220V 50/60Hz	

Growth Chamber

Features

- Microcomputer digital display and control with the function of auto temperature calibrating vegetable light
- Temperature alarm
- Separated temperature control and set up for day and night
- Multi-section control for lighting with 24H manual and auto timer setting
- **Customized design**
- Apply to microorganism Lab / Cell culture / Biotechnology experiments / Analytical Lab / Food Science and Technology / Agricultural Lab / The Fisheries Laboratory / Gardening / Plant Research



Glass window is optional (TSC)



▲ GC-550



Specifications

Model No.	GC-550R	GC-550RH	GC-539R
Temp. Range	0°C~60°C		
Temp. Control	PID temperature controller, PV actual value and SV setting value displayed at the same time		
Temp. Precision	+/- 0.1°C		
Touch Setting	Power, cooling temperature, humidity, illumination timer device		
Safety Device	electronic LCD display, precision setting 0.1°C, overheat and over low cut off device. 2-stage protection with safety protection alarm and indicator, compressor delay-start, high and low pressure of cold media protection device		
Heater	1200 W SUS 304#		600 W
Refrigerator	1/3 HP R134a		
Humi. Display	PID temperature controller, PV actual value and SV setting value displayed at the same time		
Humi. Control	30% RH~95% RH		
Control Precision	+/- 3%		
Humi. Display	Digital		
Humi. Device	Ultrasonic wave stainless steel (Back-mounted)		
Illumination	4000~8000 LUX		2000~4800 LUX
Timer	24H Temperature and light control		
Shelf / Inner Chamber	5 psc / SUS 304# stainless steel		5 (4 Adjustable) strengthen white porcelain
Inside Dimension (WxDxH)	680 x 580 x 1400 mm (Approx 550 L)		680 x 600 x 1450 mm
Outside Dimension (WxDxH)	760 x 820 x 1870 mm		810 x 740 x 1940 mm
Volume	550 L		590 L
Power Voltage	110V/220V 14A/7A	110V/220V 16A/8A	110V/220V 9A/5A
Weight	150 kg	180 kg	Approx 100 kg

● Lighting can be adjusted by customers request. Glass window will be separate invoice. welcome to call



Vortex Mixer

Power Voltage :
110V/220V 50Hz/60Hz

◀ VM-1000

◀ VM-2000

Specifications	VM-1000	VM-2000
Max. Speed	3000 r.p.m	
Top Head Size	Φ26 mm	Φ100 mm
Weight (N.W / G.W)	3.0 / 3.5 kg	3.5 / 4.5 kg
Size (WxDxH)	130 × 160 × 180 mm	140 × 180 × 180 mm

Suspension Mixer

Power Voltage :
110V/220V 50Hz/60Hz



◀ SM-3000



◀ SM-3600

- Features**
- Culture samples
 - Continuous operation
 - 360° rotating action

Specifications	SM-3600				SM-3000		
Order No.	SM-3600-0018	SM-3600-0029	SM-3600-1829		SM-3000-015	SM-3000-150	SM-3000-500
Capacity	Φ18 mm × 114	Φ29 mm × 40	Φ18 mm × 48	Φ29 mm × 20	1.5 ml × 30 tubes	15 ml × 30 tubes	50 ml × 15 tubes
Speed	40~240 r.p.m				10~100 r.p.m		
Disc Size	Φ310 mm				Φ300 mm		
Angle	0°~90°				Fixed 45°		
Weight (N.W / G.W)	12.0 / 13.0				5.0 / 5.5		
Size (WxDxH)	310 × 310 × 460 mm				250 × 300 × 250 mm		

Dry Bath

Power Voltage :
110V/220V 50Hz/60Hz



▲ DSD-100



▲ DSD-200



▲ DSD-200E



▲ BLK-0011



▲ BLK-1316

▼ BLK-0013

▼ BLK-0016

 Specifications	DSD-100	DSD-200	DSD-200E	Model	Capacity	Bottles Capacity	Size (WxDxH)
Block Capacity	1	2	2	BLK-0011	11.5 mm x 20 places	1.5~2.0 cc	101 x 76 x 52 mm
Temp. Readout	Thermometer	Thermometer	LCD digital				
Temp. Setting	Analog			BLK-0013	13.5 mm x20 places	7 cc	
Temp. Range	Ambient +5°C~125°C						
Temp. Control	Analog IC			BLK-0016	16.5 mm x 12 places	15 cc	
Temp. Sensor	NTC thermistor						
Uniformity	±0.5°C at 37°C			BLK-1316	13.5 mm x 12 places 16.5 x 6 places	7~14 cc	
Stability	±0.5°C						
Heater	80 W	160 W	160 W				
Size (WxDxH)	160 x 210 x 120 mm	205 x 230 x 120 mm	205 x 230 x 120 mm				

Table Top Centrifuge

Power Voltage : 110V/220V 50Hz/60Hz



◀ DSC-200A-1
◀ DSC-200T



◀ DSC-200A-2



◀ DSC-024MH

Specifications	DSC-154T	DSC-156T	DSC-158T	DSC-N158T	DSC-N158A	DSC-024MH
Table Top Centrifuge	DSC-200T	DSC-200T	DSC-200T	DSC-200A-1	DSC-200A-2	-
Max. Speed	3200 r.p.m			6000 r.p.m	6000 Tachometer	Fixed 12000
Timer	0~30 min mechanical timer					0~15 min mechanical timer
Rotor	AR-1504	AR-1506	AR-1508	UAR-1508	UAR-1508	HT-24
Tube	4 pcs	6 pcs	8 pcs	8 pcs	8 pcs	24 pcs
Standard Accessory	10 ml~15 ml capillary tubes					Φ1.5 x 75 mm
Inner Side of Tube	Φ17.5 mm x 98 mm					
Weight	3.5 kg / 4.5 kg			4.5 kg / 5.0 kg		
Dimension (WxDxH)	280 x 280 x 255 mm			280 x 280 x 265 mm		220 x 240 x 200 mm

● Tube holders for 0.5ml~2.0ml inner size of tube: Φ11.0mm x L42mm or 5ml~7ml inner size of tube: Φ13.5mm x L69mm tubes are optional

► Refrigerated Cabinet

Power Voltage : 110V/220V 50Hz/60Hz



Features

- PID digital controller, touch screen panel, digital temperature setting, automatic defrosting system
- With glass doors, triple-pane design, excellent thermal insulation effect, no water, rendering the best display effect
- Base design of the automatic water evaporation, easy to use
- Base with 360 degree turning wheel and adjustable feet, easy to move, bearing capacity is strong

Specifications

	LR-310	LR-320	LR-330
Temp. Range	0°C~20°C		
Temp. Accuracy	±1°C		
Temp. Control	PID		
Temp. Display	LED Display		
Volume	500 L	940 L	1450 L
Shelf (Adjustable)	5	10	15
Door	1	2	3
Refrigerator	1/3 HP	1/2 HP	1 HP
	Using environmental protection cold media R134a		
Safety Device	The compressor will be delayed to start working if power cut and with timer for defrost		
Illumination	40 W x 1	40 W x 1	40 W x 3
Material	Steel plate / Coating		
Inside Dimension (WxDxH)	550 x 640 x 1430 mm	1110 x 650 x 1280 mm	1748 x 650 x 1280 mm
Outside Dimension (WxDxH)	640 x 800 x 2065 mm	1260 x 800 x 2065 mm	1878 x 800 x 2065 mm
Weight (Approx.)	112 kg	165 kg	265 kg



► -20C Upright Freezer

Specifications

SKU	FFU-14M5HW	FFU-21M7HW	FFU-14F5HW	FFU-17F5HW	FFU-21F5HW
Liter	403	583	401	473	575
Lock		*	*	*	*
Light	*	*	*	*	*
Shelves	3	4	3	4	4
Basket	1	1	1	1	1
Remark	Defrost : Manual	Defrost : Manual	Frost Free	Frost free Adjustable Temp. control High-temperature alarm	Frost free Door ajar alarm Control lock
Temp. Range	164 x 82 x 68 cm	178 x 82 x 73 cm	150 x 71 x 73 cm	164 x 82 x 68 cm	178 x 82 x 73 cm