



MANEE FOR YOU CO.,LTD.
บริษัท มณี พอร์ ยู จำกัด



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บริการ-ซ่อม

เครื่องมือวิทยาศาสตร์และเครื่องแก้วทุกชนิด

Rehearsal service Scientific
instruments and all kinds of glassware.

บริษัท มณี พอร์ ยู จำกัด

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หมายเหตุ : **การบริษัทขอสงวนสิทธิ์ ในการเปลี่ยนแปลงราคาและรายละเอียดสินค้าในเอกสารเล่มนี้ (ทุกผลิตภัณฑ์) โดยไม่จำเป็นต้องแจ้งให้ทราบล่วงหน้า**



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Auto Dehumidification Dry Cabinet

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Non-Filtered Storage Cabinet

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Filtered Storage Cabinet

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Ductless Fume Hood

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Benchtop Ultrasonic Cleaner

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Laboratory Autoclaves

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Laboratory Autoclaves

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Multi-Sample Concentration System

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Single-Unit Concentration System

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Oil-Free Diaphragm Vacuum Pump

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Homogenizer and Ultrasonic



MT-30K Handheld homogenizer

Specification

MT-13K-L

Speed range

8Krpm~35Krpm (1Krpm Increment)

Accessories

Cat#

MT-30K-A

MT-30K-B

MT-30K-C

Handling capacity

0.5~50ml

1~100 ml

1~250 ml

Cat#

MT-30K-D

Handling capacity

H-type stand; used to hold the homogenizer; height and angle are adjustable

MT-13K-L Mini Handheld homogenizer

Specification

MT-13K-L

Speed range

16,000 rpm

Battery

AA battery x 2

Time

≥ 2 hrs.

"include : Grinding pestle"

Ultrasonic homogenizer



Specification

Specification

Standard horn

Crushing capacity

Optional horn

Biosafel50-96

150 W

6 mm

1~150 ml

2, 3, 8 (mm)

Biosafel250-88

250 W

6 mm

1~300 ml

2, 3, 8, 10 (mm)

Biosafel650-92

650 W

6 mm

1~ 650 ml

2, 3, 10, 12 (mm)



Key Application

- ✓ Preserves moisture-sensitive items such as electronics, optical instruments, and lab samples
- ✓ Offers a wide control range: 60–28% RH (AD-S & DS-S), 60–10% RH (GN-B), 60–1% RH (GN-BF).
- ✓ Ideal for research labs, electronics manufacturing, and archival storage.



MODEL	AD-80HS	AD-80S	AD-100S	DS-125S
-------	---------	--------	---------	---------

Dimension (W×D×H):	538×362×510 mm	380×390×616 mm	380×390×770 mm	410×390×900 mm
Capacity:	80 L	80 L	100 L	125 L
Shelf:	1 pc, steel	3 pcs, plastic	3 pcs, plastic	4 pcs, plastic
Dehumidifier:	1 pc, <8 W	1 pc, <8 W	1 pc, <8 W	1 pc, <15 W



MODEL	AD-180S	AD-300S	AD-600S	DS-460S
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Dimension (W×D×H):	380×390×1325 mm	850×430×965 mm	850×430×1835 mm	600×480×1607 mm
Capacity:	180 L	300 L	600 L	460 L
Shelf:	5 pcs, plastic	4 pcs, steel	4 pcs, steel	4 pcs, steel
Dehumidifier:	2 pcs, <8 W	2 pcs, <15 W	4 pcs, <30 W	2 pcs, <30 W



MODEL	GN-360B/BF	GN-460B/BF	GN-850B/BF	GN-1280B/BF
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Dimension (W×D×H):	850×490×965 mm	600×480×1730 mm	850×550×1835 mm	1100×680×1835 mm
Capacity:	360 L	460 L	850 L	1280 L
Shelf:	2 pcs, steel	4 pcs, steel	4 pcs, steel	4 pcs, steel
Dehumidifier:	2 pcs, <50 W	2 pcs, <90 W	2 pcs, <90 W	2 pcs, <90 W

Inquire for Pricing!

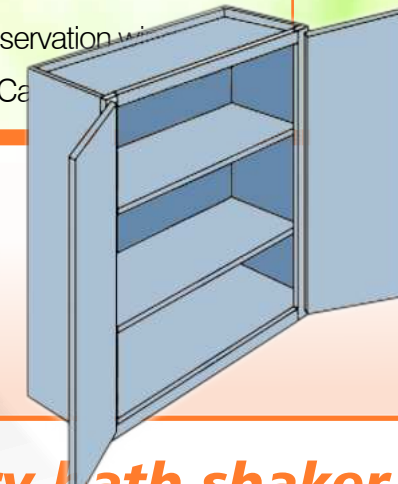
BTU-6 Black-box type UV analyzer



Specification

BTU-6

Transmission wavelength:	302 nm, 254 nm, 365 nm
Transmission filter size:	200 x 150 mm
Observation window:	100 x 60 mm
Capacity:	100 mm



Dry bath and Thermobath shaker



TH-100

100

+5 °C~	100 °C
~2000 r	2000 rpm
m (Horiz	(Horizontal)
in~99h 59	1 min~99h 59min

Block capacity

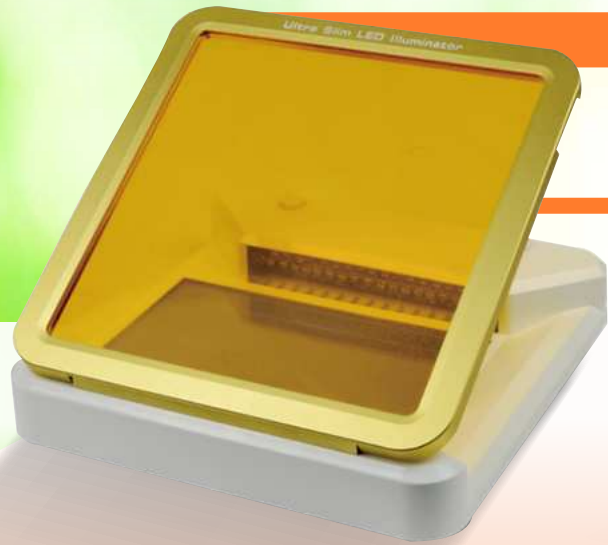
1 standard block

1 standard block

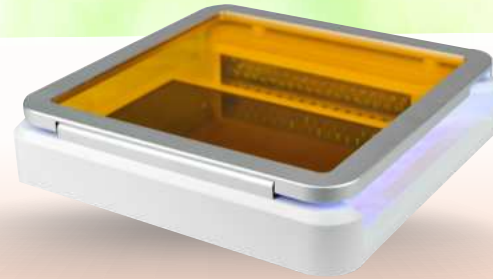
Optional block:

Picture							
Cat#	A	C	D	E	K	L	M
Specification	0.2 ml x 96	1.5 ml x 35	2.0 ml x 35	0.5 ml x 20 + 1.5 ml x 15	5 ml x 24	15 ml x 12	50 ml x 6
Dia. of hole	6.7 mm	10.8 mm	10.8 mm	8 mm/ 10.8 mm	13.5 mm	16.9 mm	29.5 mm

DUT-48 Blue light transilluminator



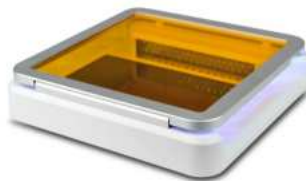
Specification	DUT-48
Wavelength:	470 nm
Max. Gel size:	100 x 150 mm



Specification	DKT200-1N	DKT200-2N	DKT200-2D
Temperature range	R.T.~150 °C		
Time	1 min~99 h 59 min		
Block capacity	1 standard block	2 standard block	2 standard block (Independent temp. control)



Options



Γ11	DT13	DT14	DT15
3 mm x 4	0.5 ml x 42	1.5 ml x 24	2.0 ml x 12
(50ml Centrifuge tube)			
28.5 mm	8 mm	10.8 mm	10.8 mm

Picture

Cat#

Specification

Dia. of hole

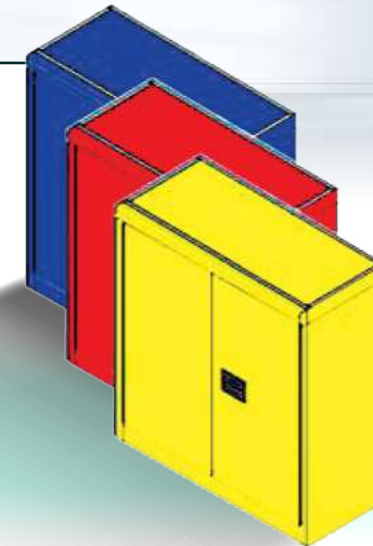
Non-Filtered Storage Cabinet

Key Application

- ✔ Compartmentalizes chemical storage to minimize the risk associated with storing incompatible chemicals together.
- ✔ Suitable for laboratories that require organized, secure, and regulation-compliant chemical storage.

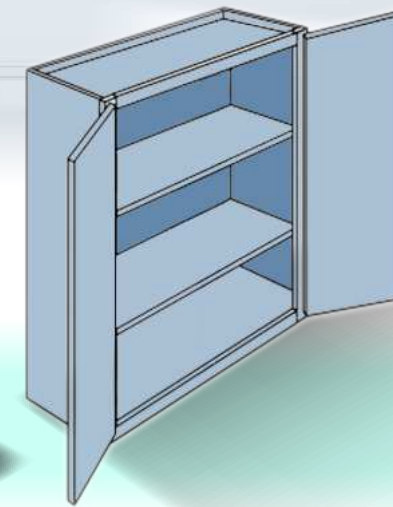
Chemical Storage Cabinet

Epoxy-coated stainless steel
Yellow for flammables
Red for combustibles
Blue for consumables



Acid-Alkali Storage Cabinett

Polypropylene
Azure gray for strong acids & Bases



- Double-wall air insulation enhances fire resistance
- Piano hinge, 180° door opening
- Three-point locking system

- Seamless-welded polypropylene (PP) body
- Injection-molded PP hinge, 180° door opening
- Double locking system



Chemical Storage Cabinet

MODEL	030#	045#	060#	090#
Dimension (W×D×H):	1090×460×1120 mm	1090×460×1650 mm	860×860×1650 mm	1090×860×1650 mm
Shelf:	1 pc, galvanized	1 pc, galvanized	1 pc, galvanized	2 pc, galvanized
Capacity:	114 L	170 L	227 L	340 L

Acid-Alkali Storage Cabinet

MODEL	O30P	O45P	O60P	O90P
Dimension (W×D×H):	1090×460×1120 mm	1090×460×1650 mm	860×860×1650 mm	1090×860×1650 mm
Shelf:	1 pc, PP laminate	2 pcs, PP lamin	2 pcs, PP laminate	2 pcs, PP laminate
Capacity:	114 L	170 L	227 L	340 L

#: Y, R, or B

Choose J block can be used with deep well plate

Key Application

- ✓ Provides safe chemical storage with built-in filtration to capture hazardous vapors in case of leaks or spills.
- ✓ Ideal for laboratories that handle chemicals, particularly where maintaining clean air is essential and ducted ventilation system is unavailable.

Ventilation System

Low-noise centrifugal fan
Air velocity: 0.4~0.6 m/s
One-layer prefilter
Single-stage filtration

Centrifugal fan

Activated carbon filters

Prefilter

Control Unit

Touch screen computer control panel
Advanced VOC detector with alarm
Real-time monitor VOC, %RH, Temp

Net Gas Type Safety Cabinet

Filtered Storage Cabinet



Z030

Z045

G800

G1600

MODEL

	Z030	Z045	G800	G1600
Dimension (W×D×H):	1090×460×1400 mm	1090×460×1930 mm	800×510×2360 mm	1600×510×2360 mm
Shelf:	1 pc, galvanized	1 pc, galvanized	8 pcs,ABS laminate	16 pcs,ABS laminate
Centrifugal Fan:	1 pc	1 pc	1 pc	1 pc
A/C Filters:	2 pcs	4 pcs	4 pcs	4 pcs

PCR & Gel electrophoresis



PR-96E: Gradient thermal cycle

Specification PR-96E

Temperature range : 4°C~99.9 °C
Sample capacity : 96 x 0.2 ml
Temp. control method : Block/ Tube
Step time : 1 min~ 59min 59s



MINIE-135 : Horizontal Gel electrophoresis

Specification MINIE-135

Time : 1 min~99h 59min
Capacity : Max. 500 ml
Control : -Electrophoresis power
-Gel comb and plate

PCR & Gel electrophoresis



JY-SPCT
Horizontal electrophoresis

Specification JY-SPCT

Gel size (W x L): 120 x 120 mm, 120 x 60 mm, 60 x 120 mm 60 x 60 mm
No. of samples: 1~100
Total buffer volume: 550 ml



JY-SCZ2+



JY-300
Basic power supply

Specification JY-300

Out put range: 82 x 88 (mm)
Time range: 1 min~99h 59min
Out put jack: 2 sets



DEL-100: Microplate reader



AMW-3000: Microplate washer

Specification	DEL-100	Specification	AMW-3000
Filters :	Support 8 filters Standard: 405, 450, 492, 630 nm	Plate type :	Flat shape, U-shape, V-shape, C-shape
Wavelength range :	340~750 nm	Washing volume :	50 μ l ~2000 μ l
Incubation temp.range :	R.T. +4 $^{\circ}$ C~ 65 $^{\circ}$ C	Washing times :	1~ 99 times
Shaking level :	3 levels (Low, Medium, Speed)	Shaking speed :	Off, Slow, Medium, Fast
		Washing head :	2 washing heads(1x8, 1x12)



MIX-1500: Microplate shaker



MT70-2N/ST70-2N: Microplate incubator & shaker

Specification	MIX-1500	Specification	MT70-2N	ST70-2N
Plate capacity:	4 standard plates	Temperature range:	R.T. +5 $^{\circ}$ C~65 $^{\circ}$ C	
Speed range:	200 ~ 1500 rpm	Time range:	1 min~99 h 59 min	
Shaking orbital:	3 mm	Speed range:	-	200 ~ 1200 rpm
Time range:	1 min ~ 99h 59min	Plate capacity:	2 plates (96 well plate)	

- Key Application**
- ✓ Provides a safe, well-ventilated workspace for working with chemicals and hazardous fumes.
 - ✓ Ideal for small-scale chemical experiments and easily movable when needed.
 - ✓ Suitable for use in research labs where exposure to hazardous substances is required.

Ventilation System

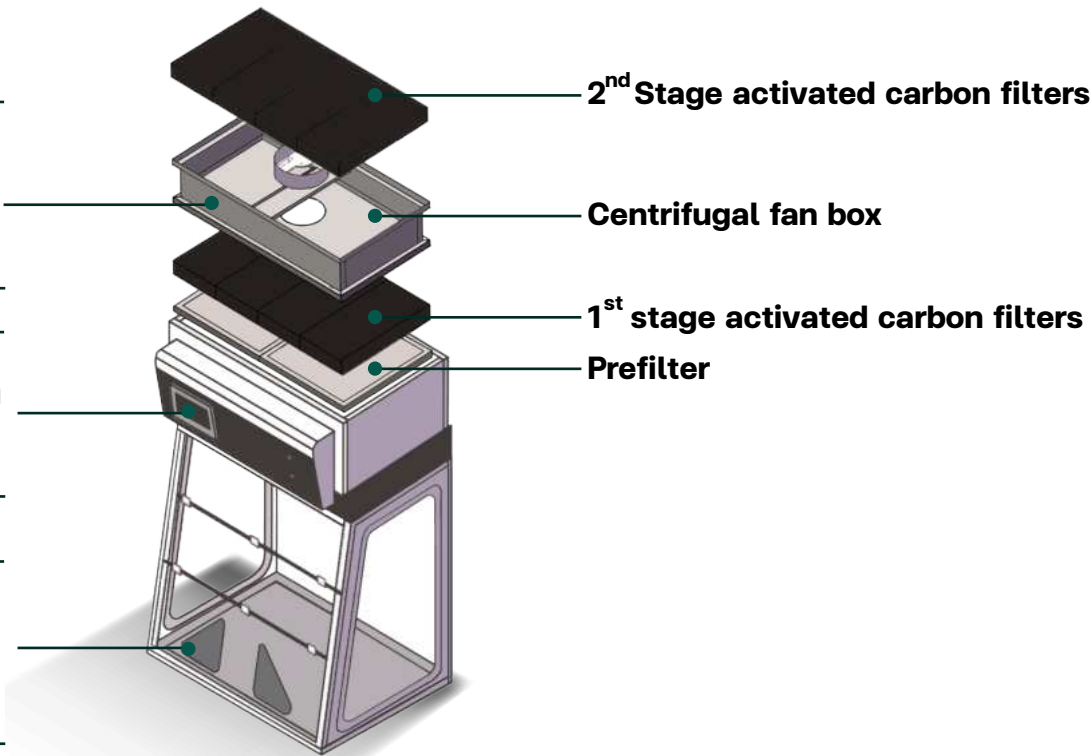
Low-noise centrifugal fan
Air velocity: 0.4~0.6 m/s
One-layer prefilter
Two-stage activated carbon filtration

Control Unit

Touch screen computer control panel
Advanced VOC detector with alarm
Real-time monitor VOC, %RH, Temp

Hood

Epoxy-coated stainless-steel casting
Transparent acrylic window panel
Solid physicochemical working table
LED lighting



MODEL	DS800	DS1000	DM1275	DM1600
Dimension (W×D×H):	800×620×1290 mm	1000×620×1320 mm	1275×620×1340 mm	1600×620×1340 mm
Work Space (W×D×H):	760×520×870 mm	970×520×870 mm	1170×520×870 mm	1570×520×870 mm
Air Capacity:	230 cbm/h	230 cbm/h	460 cbm/h	690 cbm/h
Centrifugal Fan:	1 pc	1 pc	2 pcs	3 pcs
A/C Filters per stage:	4 pcs (8 pcs total)	4 pcs (8 pcs total)	6 pcs (12 pcs total)	6 pcs (12 pcs total)

Key Application	✓ Cleaning	Removing contaminants from laboratory glassware and instruments
	✓ Degassing	Elimination gases from cleaning solutions or HPLC solvents
	✓ Emulsifying	Mixing immiscible liquids
	✓ Dissolving	Dispersing solids into liquids that do not typically mix

MODEL	MH Mechanical-Heated	DS Degas-Sweep	P Multi-functional
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User Interface:	Control knobs	Control knobs, buttons	Control knobs, buttons, LCD
Temp. Control Range:	Heating, 30~80 °C	Heating, 30~80 °C	Heating, 30~80 °C
Timer Setting Range:	Ultrasonication, 0~60 min	Ultrasonication, 0~60 min	Ultrasonication, 0~60 min
Ultrasonic Frequency:	40 kHz	40 kHz	40 kHz
Function:	✗ Degas ✗ Pulse	✗ Sweep ✗ Power	✓ Degas ✓ Pulse ✓ Sweep ✓ Power

Key Features

Degas	Sweep	Pulse	Power
Removes trapped air and dissolved gases to optimize cavitation and enhance ultrasonication performance.	Slightly shifts frequencies (±2 kHz) to eliminate standing waves and ensure uniform cavitation distribution.	Alternates brief ultrasonic spikes (120% power) to deliver short bursts of intensified cavitation for improved ultrasonication.	Adjustable ultrasonic power (40%, 70%, 100%) to tailor cavitation strength for specific applications.

Product Specification

Model (#: MH, DS, P)	Ultrasonic Power	Unit Transducer	Heating Power	Drainage Valve	Tank Volume	Tank Volume	Unit Volume
DR-#30	160 W	80 W × 2 pc	150 W	✗	3.0 L	238×138×100 mm	3.20 kg
DR-#40	160 W	80 W × 2 pc	220 W	✗	4.0 L	302×152×100 mm	3.75 kg
DR-#60	240 W	80 W × 3 pc	270 W	✗	6.0 L	302×152×150 mm	4.72 kg
DR-#100	320 W	80 W × 4 pc	310 W	✓	10.0 L	302×239×150 mm	5.20 kg
DR-#120	400 W	80 W × 5 pc	380 W	✓	12.0 L	490×138×150 mm	5.80 kg
DR-#150	480 W	80 W × 6 pc	470 W	✓	15.0 L	325×295×150 mm	7.50 kg
DR-#220	480 W	80 W × 6 pc	470 W	✓	22.0 L	498×296×150 mm	8.75 kg
DR-#280	640 W	80 W × 8 pc	620 W	✓	28.0 L	502×298×200 mm	10.00 kg

Mini centrifuge



Specification	Mini-10K+C
Speed range:	3,000 ~ 10,000 rpm
Time:	1s ~ 999m or continuous
RCF: approx:	500g ~ 5,600g

Microplate centrifuge



Specification	MINIP-2500
Sample capacity:	2 PCR plates
Speed range:	2,800 rpm
RCF: approx:	500g ~ 5,600g

Suitable for Skirted, Semi-Skirted and non skirted PCR plate

- Features
- Electronic safety lock prevent cover opening during working
 - Manually lid open in case failure or emergency.
 - LCD color Screen
 - CFC free refrigeration system (R404A or R134A)

High speed centrifuge XZ-16T / TGL-16MB / XZ-20T / TGL-20MB / 3H16R1



	TGL-16MB	XZ-20T	TGL-20MB	3H16R1
	6 x 50 ml angle rotor	12 x 15 ml angle rotor	6 x 50 ml angle rotor	24 x 1.5 ml/2.2 ml
	12 x 1.5 ml/2.2 ml, 24 x 1.5 ml/2.2 ml, 4 x 50 ml, 6 x 50 ml, 4 x 100 ml	12 x 1.5 ml/2.2 ml, 24 x 1.5 ml/2.2 ml, 12 x 15 ml, 4 x 50 ml, 6 x 50 ml, 4 x 100 ml	12 x 1.5 ml/2.2 ml, 24 x 1.5 ml/2.2 ml, 24 x 10 ml, 12 x 15 ml, 4 x 50 ml, 4 x 100 ml	12 x 10 ml/5 ml, 12 x 15 ml/5 ml
	16,000 rpm	16,000 rpm	20,000 rpm	16,000 rpm
	20,920 xg	20,920 xg	27,800 xg	17800 xg
	-20 °C~40 °C	-	-20 °C~40 °C	-20 °C~40 °C

ening during working
ergency.

Low speed centrifuge **TD4/ XZ-6G / TD5B**



Centrifuge	TD4	XZ-6G	TD5B
Standard rotor:	6 x 50 ml angle rotor	6 x 50 ml angle rotor	32 x 15 ml/10 ml/5 ml/2 ml Swing rotor
Optional rotor:	12 x 10 ml/5 ml, 12 x15 ml/5 ml	12 x 10 ml/5 ml,	14 x 50 ml Swing rotor 8 x 50 ml Swing rotor 4 x100 ml Swing rotor 4 x 250 ml Swing rotor
Max. speed:	4,000 rpm	6,000 rpm	5,000 rpm
Max. RCF:	3035 xg	5080 xg	4760 xg
Refrigerated:	-	-	-

Key Application

- ✓ Microcomputer control system for precise operation and safety.
- ✓ SUS304 stainless steel chamber and basket for durability and corrosion resistance.
- ✓ High-temperature pressurized steam sterilization for equipment and culture media.
- ✓ Essential for hospitals, laboratories, and research facilities to maintain aseptic conditions.



Fully Automatic Vertical Autoclave | GR series (Open-flip lid)

Model Specifications

Feature	GR#DA	GR#DR	GR#DF
Control knobs, buttons, LCD	✓	✓	✓
Auto water feeding	✗	✓	✓
Auto drying	✗	✗	✓
Program: pre-set/custom	10/10	10/50	10/50

denotes chamber capacity in liter

Parameter Setting Range

Feature	Temperature	Time
Sterilization	105°C~138°C	1~6,000 min
Melting	60°C~115°C	1~6,000 min
Warming	45°C~79°C	1~9,999 min
Drying	80°C~160°C	1~300 min

Exhaust Control: 0-5 adjustable discharge levels

Outstanding Safety Features

- ✓ Auto Lid Locking System
- ✓ Auto Lid Unlock Temperature
- ✓ Monitoring/Troubleshooting

Patented interior system with mechanical and electrical safety checks.

40°C~99°C (solid/waste/agar mode) and 40°C~80°C (liquid mode).

Auto protection against overpressure, low water level, and electrical faults.

MODEL	GR60_	GR85_	GR110_
Overall Dimension (L×W×H):	DA: 644×660×980 mm DR/DF: 644×831×980 mm	DA: 644×660×980 mm DR/DF: 644×831×980 mm	DA: 644×660×980 mm DR/DF: 644×831×1,180 mm
Chamber Dimension (Dia×H):	390 mm 505 mm	390 mm 505 mm	390 mm 505 mm
Chamber Capacity:	60 L	85 L	110 L
Basket Size (Dia×H):	Ø370×190 mm, 2 pcs	Ø370×280 mm, 2 pcs	Ø370×250 mm, 2 pcs

Inquire Now for Exclusive Savings - Up to 10% Off!

Automatic Vertical Autoclave | GI series

Model Specifications

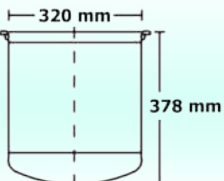
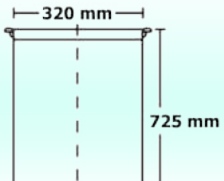
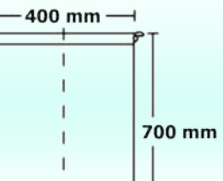
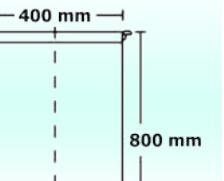
Feature	GI#TW	GI#TR
Fast cooling fan	✓	✓
Auto water feeding	✗	✗
Semi auto drying	✗	✓
Program: pre-set/custom	10/50	10/50

denotes chamber capacity in liter

Parameter Setting Range

Feature	Temperature	Time
Sterilization	105°C~135°C	1~6,000 min
Melting	60°C~115°C	1~6,000 min
Warming	45°C~79°C	1~9,999 min
Drying	80°C~160°C	1~300 min

Exhaust Control: 0-5 adjustable discharge levels

Model	GI29_	GI54_	GI80_	GI100_
Overall Dimension (L×W×H):	TW: 460×542×976 mm	TW/TR: 460×542×1105 mm	TW/TR: 620×745×1090 mm	TW: 620×745×1,200 mm
Chamber Dimension (Dia×H):				
Chamber Dimension (Dia×H):	29 L	54 L	80 L	100 L
Basket Size (Dia×H):	Ø298×260 mm, 1 pc	Ø298×195 mm, 3 pcs	Ø360×275 mm, 2 pcs	Ø360×215 mm, 3 pcs

Vertical Autoclave | FD series

Model Specifications

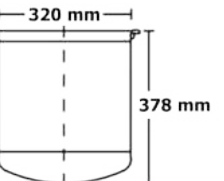
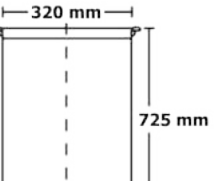
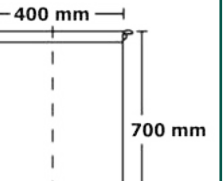
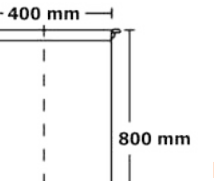
Feature	FD#A	FD#R
Fast cooling fan	✓	✓
Auto water feeding	✗	✗
Semi auto drying	✗	✓
Pre-set program	Solid-Liquid	Solid-Liquid

denotes chamber capacity in liter

Parameter Setting Range

Feature	Temperature	Time
Sterilization	105°C~135°C	1~300 min
Melting	N/A	N/A
Warming	N/A	N/A
Drying	N/A	N/A

Exhaust Control: N/A

Model	FD29_	FD50_	FD80_	FD100_
Overall Dimension (L×W×H):	A: 580×490×960 mm	A/R: 580×490×1085 mm	A/R: 730×625×1100 mm	A/R: 730×625×1200 mm
Chamber Dimension (Dia×H):				
Chamber Dimension (Dia×H):	29 L	50 L	80 L	100 L
Basket Size (Dia×H):	Ø298×260 mm, 1 pc	Ø298×195 mm, 3 pcs	Ø360×275 mm, 2 pcs	Ø360×215 mm, 3 pcs



GS-20

50~300 rpm
20 mm

1 min~99 h 59min

UP-12, P12-100, P6-250 and PW-260



UP-12



P12-100



P6-250



PW-260

Incubator shaker & shaker Constant Temperature Shaking Incubator(Benchtop)



Specification	ICB-20BS	ICB-20BS	ICB-20BS
Temp.control range:	R.T. +5 °C~60 °C	R.T. +5 °C~60 °C	R.T. +10 °C~60 °C
Volume:	18 L	48 L	100 L
Speed range:	40~300 rpm	40~300 rpm	40~300 rpm
Shaking orbit:	26 mm (Orbital)	26 mm (Orbital)	26 mm (Orbital)
p (Standard capacity):	100 ml x 9	50 ml x 4 or 100 ml x 4 or 250 ml x 3 or 500 ml x 3	50 ml x 5 or 100 ml x 5 or 250 ml x 4 or 500 ml x 3
Max. capacity:	50 ml x 12 or 100 ml x 9 or 250 ml x 9	50 ml x 20 or 100 ml x 16 or 250 ml x 12 or 500 ml x 9	100 ml x 20 or 250 ml x 16 or 500 ml x 12 or 1000 ml x 5 or 2000 ml x 4



Specification

ES-60

Temp. control range:
Speed range:
Shaking orbit:
Option platform:

R.T. +5 °C~65 °C
50~300 rpm
20 mm (Orbital)
UP-12, P12-100, P6-250 and PW-260

ES-60C

4 °C~65 °C
50~300 rpm
20 mm (Orbital)
UP-12, P12-100, P6-250 and PW-260



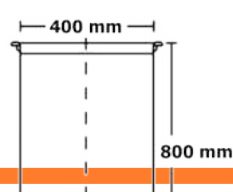
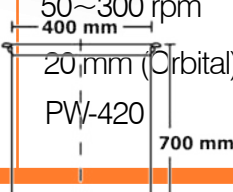
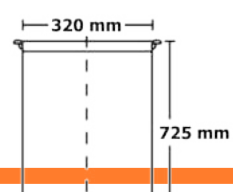
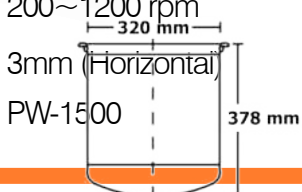
ES-60E

Temp. control range:
Speed range:
Shaking orbit:
Platform:

R.T. +5 °C~65 °C
200~1200 rpm
3mm (Horizontal)
PW-1500

ES-60+

R.T. +5 °C~65 °C
50~300 rpm
20 mm (Orbital)
PW-420



PW-1500

PW-420

Fast Drying Oven



Material

Stainless steel chamber
Tempered double glass door

Built-In Vacuum Pump

Auto vacuum degree control
Maximum capacity <133 Pa

Inert Gas Inlet Valve

For oxygen-free experiment

Key Features

Far-infrared heating radiators
Stainless steel chamber



Vacuum Drying Oven (LVO Series)

Infrared Drying Oven (LIO Series)

Model

Temperature Control Range:
Rated Power:
Chamber Capacity:
Chamber Dimension (W×D×H):
Overall Dimension (W×D×H):

LVO-6050LC

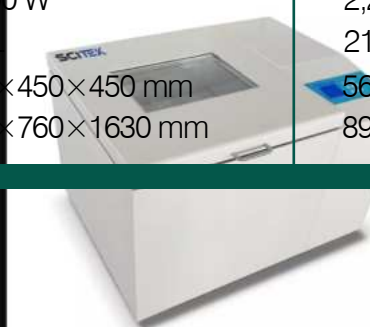
RT+10°C~250°C ±1°C
1,400 W
54 L
420×350×370 mm
700×660×1550 mm

LVO-6090LC

RT+10°C~200°C ±1°C
1,600 W
91 L
450×450×450 mm
780×760×1630 mm

LVO-6210LC

RT+10°C~200°C ±1°C
2,200 W
215 L
560×600×640 mm
890×920×1930 mm



Model

Temperature Control Range:
Rated Power:
Chamber Capacity:
Chamber Dimension (W×D×H):
Overall Dimension (W×D×H):

LIO-300

RT+10°C~300°C
1,400 W
43 L
350×350×350 mm
640×500×600 mm

LIO-400

RT+10°C~300°C
2,000 W
81 L
450×400×450 mm
730×530×690 mm

LIO-500

RT+10°C~300°C
2,800 W
138 L
500×500×550 mm
780×690×800 mm

LIO-600

RT+10°C~300°C
4,000 W
252 L
600×600×700 mm
880×730×950 mm

- Key Application
- ✔

Quantification of chemical concentrations by measuring absorbance at specific wavelengths.
- ✔

Kinetics and reaction monitoring by tracking changes in absorbance over time.
- ✔

Essential for chemical, biochemical, pharmaceutical, and environmental analysis.

Single-beam visible spectrophotometer
V-1100

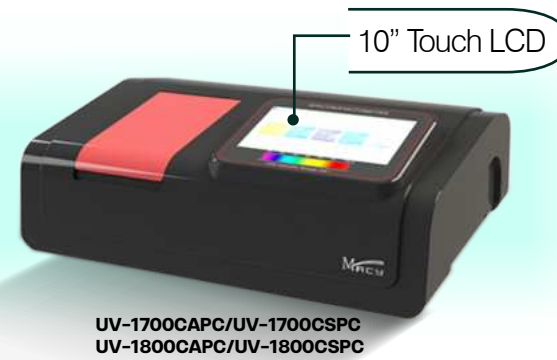


Spectral Bandwidth: 4.0 nm
Wavelength Range: 325~1000 nm
Light Source and Detector: H lamp, Si-photodiode
Photometric Display Range: -0.3~3.0 A
Wavelength Accuracy/Repeatability: ±2.0 nm / 1.0 nm
Photometric Accuracy/Repeatability: ±0.5% T / 0.2% T
Photometric Mode: T, A, E, C
Stray Light: ≤0.1% T (360 nm NaNO₂)
Overall Dimension (W×D×H): 360×280×190 nm

Light Source and Detector: D2 & H lamp, Si-photodiode
Photometric Display Range: -0.3~3.0 A
Wavelength Accuracy/Repeatability: ±0.5 nm / ≤0.2 nm
Photometric Accuracy/Repeatability: ±0.3% T / 0.1% T
Photometric Mode: T, A, E, C
Stray Light: ≤0.05% T (360 nm NaNO₂)
Stability and Baseline Flatness: 0.001 A/h at 500 nm, ±0.001A
Overall Dimension (W×D×H): 480×350×220 nm



Model	V-1500PC	V-1500CPC	UV-1500PC	UV-1500CPC
Optical System:	Single beam	Single beam	Single beam	Single beam
Spectral Bandwidth:	2.0 nm	2.0 nm	2.0 nm	2.0 nm
Wavelength Range:	320~1100 nm	320~1100 nm	190~1100 nm	190~1100 nm



Light Source and Detector: D2 & H lamp, Si-photodiode
Photometric Display Range: -4.0~4.0 A
Wavelength Accuracy/Repeatability: ±0.5 nm / ≤0.2 nm
Photometric Accuracy/Repeatability: ±0.3% T / 0.1% T
Photometric Mode: T, A, E, C
Stray Light: ≤0.05% T (220 nm NaI, 360 nm NaNO₃)
Stability and Baseline Flatness: 0.001 A/h at 500 nm, ±0.001A
Overall Dimension (W×D×H): 560×450×230 nm

Model	UV-1700CAPC	UV-1700CSPC	UV-1800CAPC	UV-1800CSPC
Optical System:	Split beam	Split beam	Double beam	Double beam
Spectral Bandwidth:	1.0 nm	0.5, 1.0, 2.0, 4.0 nm	1.0 nm	0.5, 1.0, 2.0, 4.0 nm
Wavelength Range:	190~1100 nm	190~1100 nm	190~1100 nm	190~1100 nm

Constant temperature and humidity incubator



Specification	ICB-50THI	ICB-70TH
Capacity:	50L	70L
Temp. control range:	5 °C~65 °C	No humidification: 0 °C~60 °C Humidification: 10 °C~60 °C
Humidity range:	50% RH~90% RH	45% RH~95% RH

Constant temperature and humidity incubator



Specification	ICB-50THI
Capacity:	250L
Temp. control range:	4 °C~60 °C
Humidity range:	20% RH~90% RH

Specification	C-80SE	C-180SE
Control interface:	5-inch LCD touch screen	
Volume:	85 L	185 L
Temperature control range:	Ambient +5 °C~60 °C	
CO ₂ control range:	0~20%	
Sterilization method:	140 °C High heat sterilization	

Specification	ICB-45BE	ICB-75BE	ICB-125BE
Capacity:	42L	72L	125L
Temp. control range:	RT +5 °C~65 °C		
Display:	LCD screen		
Shelves (Standard/Max):	2/4		

Key Application

- Essential for acid digestion in trace metal analysis, environmental and food safety testing.
- Corrosion-resistant PTFE-coated stainless steel and thickened PTFE-coated graphite surface, ideal for durability under high-concentration acid mist.
- Available in three models: miniHeater, EH (standard), and EHS (auto-lifting function).

Temperature Control Range:

RT~240°C ±0.1°C (@150°C)

Temperature Difference between Graphite Holes :

±1.5°C (@200°C)

miniHeater

EH series

EHS series

Digestion Block Dimension (Dia×H):

EH series

Ø44×65 mm→miniHeater1242, EH-1542, EH-2542, EH-4042, EHS-2542, EHS-4042

Ø32×65 mm→miniHeater1530, EH-2430, EH-3630, EH-6030, EHS-3630, EHS-6030

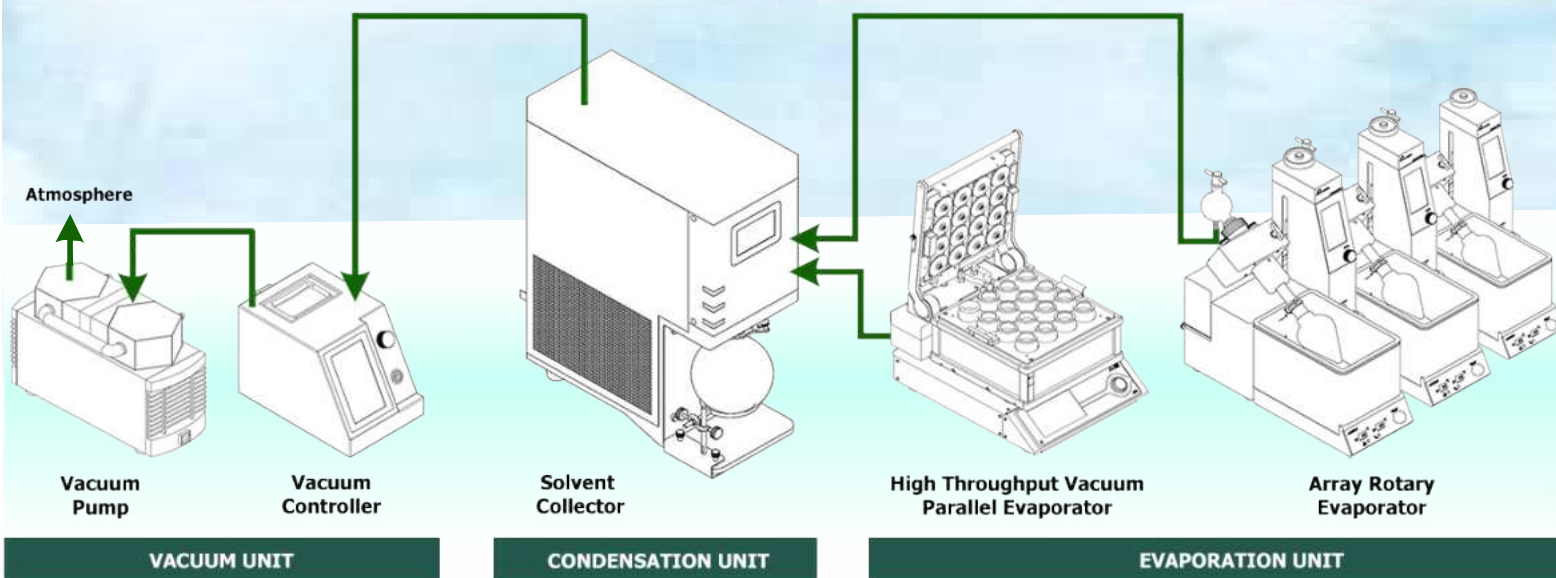
Model	miniHeater-1242	miniHeater-1530	EH-1542	EH-2430
Total Digestion Capacity:	12 units	15 units	15 units	24 units
Rated Power:	1,500 W	1,500 W	1,800 W	1,800 W
Overall Dimension (L×W×H):	290×300×230 mm	290×300×230 mm	350×320×230 mm	350×320×230 mm

Model	EH-2542	EH-3630	EH-4042	EH-6030
Total Digestion Capacity:	25 units	36 units	40 units	60 units
Rated Power:	2,500 W	2,500 W	3,500 W	3,500 W
Overall Dimension (L×W×H):	450×420×300 mm	450×420×300 mm	640×420×300 mm	640×420×300 mm

Model	EHS-2542	EHS-3630	EHS-4042	EHS-6030
Total Digestion Capacity:	25 units	36 units	40 units	60 units
Rated Power:	2,500 W	2,500 W	3,500 W	3,500 W
Overall Dimension (L×W×H):	530×420×310 mm	530×420×310 mm	720×420×310 mm	720×420×310 mm

Key Application

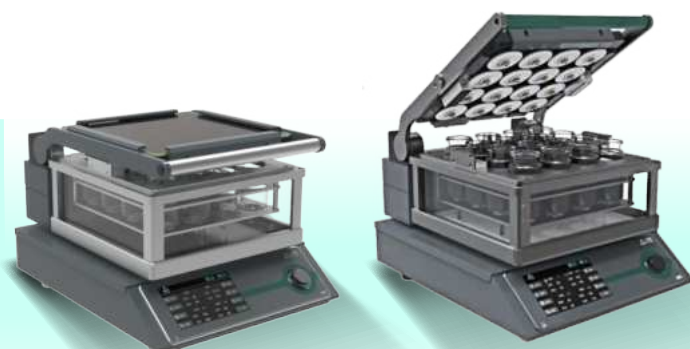
- ✓ Maximize throughput with uniform evaporation and minimize processing time compared to single-unit rotary evaporators.
- ✓ Ideal for concentrating fractions at large scale and accelerating research workflows.



EVAPORATION UNIT

High Throughput Vacuum Parallel Evaporator [APE]

- Patent flip-type vacuum cover
- Built-in vacuum controller
- Automatic water filling



EVAPORATION UNIT

Array Rotary Evaporator [miniRotar500s]

- Longitudinal rotation axis
- Independent vacuum release
- 4.0 L water bath capacity



Model	APE9	APE16	APE25	APE36	miniRotar500s
Total Sample Capacity:	9 stands	16 stands	25 stands	36 stands	5 unit per array
Maximum Flask Capacity:	450 mL	250 mL	140 mL	60 mL	500 mL
Motion Type:	Circular oscillation				Bidirectional rotation
Motion Speed Setting Range:	150–250 rpm				20–150 rpm
Temperature Control Range:	RT+5°C~85°C ±1°C				RT~95°C ±1°C
Rated Power:	3000 W				700 W
Overall Dimension (W×D×H):	420×530×360 mm				250×530×520 mm

PCR cabinet



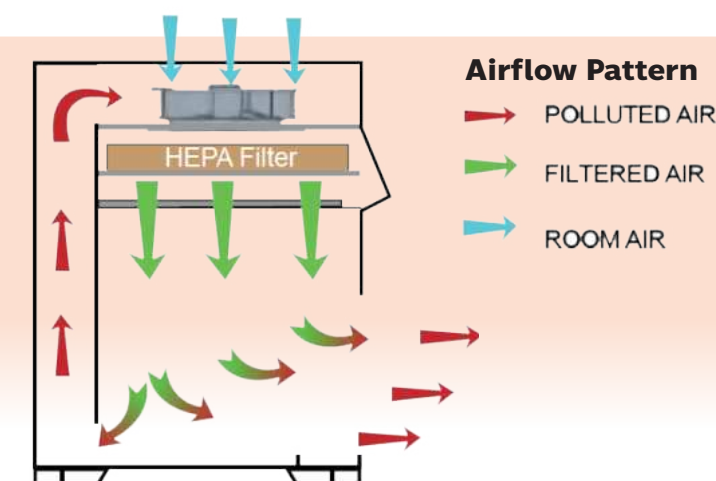
Specification

PCR-LP800

Work dimension: (W x D x H)	610 x 590 x 625 mm
Airflow velocity:	0.2 ~ 0.5 m/s
Cleanliness:	ISO Class 5
HEPA filter:	1 pcs. Efficiency > 99.995% at 0.3 μm
Pre-Filter:	1 pcs. Made of washable polyester fiber

Standard accessories: LED lamp : UV lamp x 2
Waterproof socket x 1
Shelves with IV bar x 1

Optional accessories: Base stand, Water Tap, Gas tap, Height adjustable base stand



Specification

PCR-LP1100

PCR-LP1300

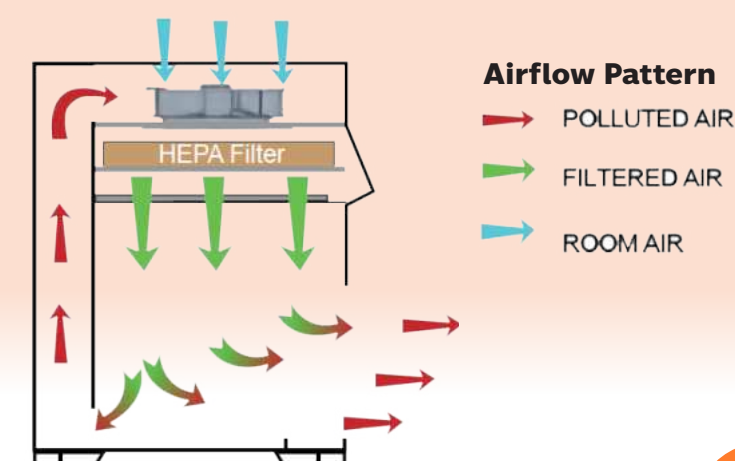
PCR-LP1600

Internal dimension: (W x D x H)	950 x 615 x 625 mm	1220 x 615 x 625 mm	1525 x 615 x 625 mm
Airflow velocity:	0.2 ~ 0.5 m/s, speed adjustable		
Cleanliness:	ISO Class 5		
HEPA filter:	1 pcs. Efficiency > 99.995% at 0.3 μm		
Pre-Filter:	1 pcs. Made of washable polyester fiber		
LED lamp:	≥900 Lx		
UV lamp:	20W x 1	30W x 1	30W x 1



Standard accessories: LED lamp : UV lamp x 1
Waterproof socket x 2, Shelves with IV bar x 1
Base stand

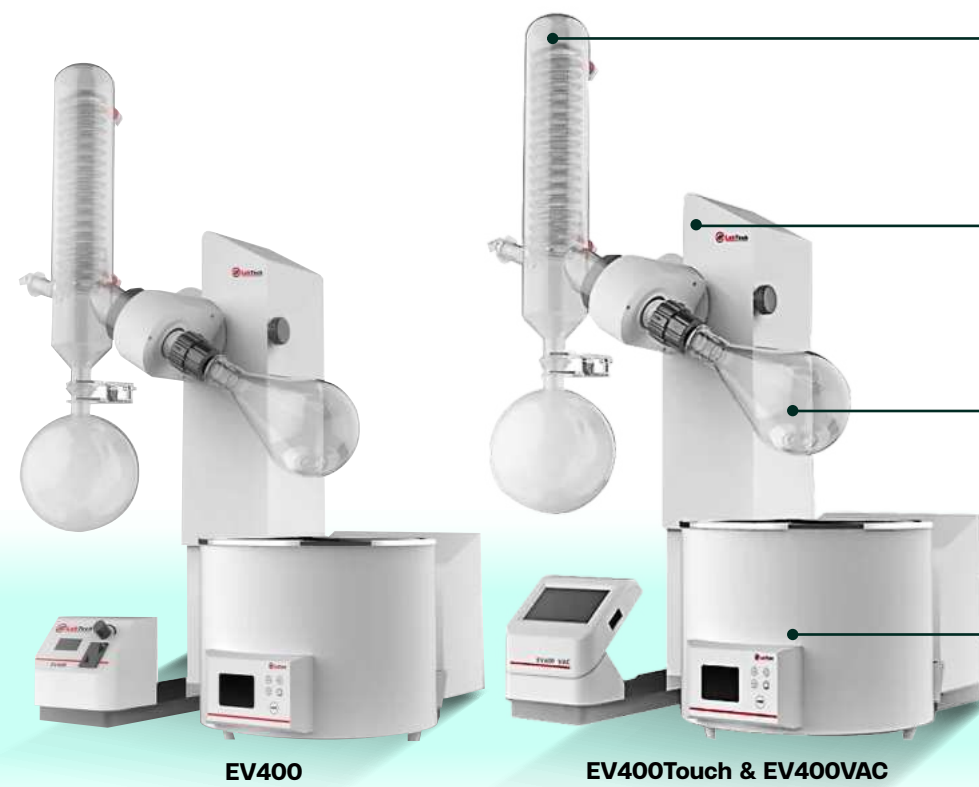
Optional accessories: Water Tap, Gas tap, Height adjustable base stand



Key Application

- ✓ Ideal for solvent removal, sample concentration, and purification processes.
- ✓ Uses heating, vacuum, and rotation to evaporate solvents while preserving sample integrity.
- ✓ Essential for chemical synthesis, purification of natural products, and environmental analysis.

Rotary Evaporator



Vertical-type Condensation Unit
Total cooling surface: 1500 sq cm
Manual tilt adjustment: 0° to 60°
Motorized lifting: 16 cm stroke

Main Unit
Epoxy-coated aluminium-steel casting
PTFE & FKM seal materials
Protection class: IP21
Auto lift-up after power loss

Evaporation Unit
Bidirectional rotation, 20–300 rpm

Heating Bath (5 L)
PID control, ambient~230°C ±1°C
Heating power: 1,300 W
Heating surface: PTFE-coated SS 304L
Outer body: PBT
Auto shut-off when overheats

Overall Dimension (L×W×H): 600×440×900 mm

Model	EV400	EV400Touch	EV400VAC
User Interface:	Manual Knob with LCD	Color Touch Display	Color Touch Display
Built-In Vacuum Controller:	✗	✗	✓ Included
Solvents Library:	✗	✗	✓ Included
Gradient Distillation:	✗	✗	✓ Included

Benchtop Recirculating Water Chiller



H50-500

- PID control, -5°C~35°C ±0.3°C
- Cooling capacity: 500 W at 25°C
- Pump capacity: 3 L/min at 10 psi
- Reservoir volume: 1.80 L

Dimension (L×W×H): 480×250×500 mm

Inquire Now for Exclusive Savings - Up to 15% Off!

Oil Free Mechanical Vacuum Pump



VP18Plus

- Pump capacity: 18 L/min at 20 mbar
- Motor power: 140 W (~1/5 hp)
- Noise emission: ≤42 dB
- Manual knob vacuum controller

Dimension (L×W×H): 300×170×240 mm

Key Application

- ✓ Vacuum filtration
- ✓ Vacuum distillation
- ✓ Rotary evaporator
- ✓ Solid-phase extraction

Key Features

Chemical-resistant nitrile rubber (NBR) teflon-coated NBR (PTFE–NBR) diaphragm
24-hour operation with auto-cooling system and overheat protection at 130°C.
Low noise emission (≤60 dB) with a silencer attached to the outlet port.
Epoxy coating on outer body parts for corrosion resistance.



Model	GM-0.5B(I) Ordinary
Diaphragm Valves:	NBR
Number of Pump Head:	2
Pump Capacity:	30 L/min
Vacuum Pressure:	50 mbar
Motor Power:	160 W (1/5 hp)
Working Temperature:	7°C~40°C
Overall dimension (L×W×H):	410×230×350 mm

Model	GM-0.5B(II) Anti-Corrosive
Diaphragm Valves:	PTFE–NBR
Number of Pump Head:	2
Pump Capacity:	30 L/min
Vacuum Pressure:	50 mbar
Motor Power:	160 W (1/5 hp)
Working Temperature:	7°C~40°C
Overall dimension (L×W×H):	410×230×350 mm

Model	GM-0.5BF Anti-Corrosive
Diaphragm Valves:	PTFE–NBR
Number of Pump Head:	2
Pump Capacity:	30 L/min
Vacuum Pressure:	30 mbar
Motor Power:	160 W (1/5 hp)
Working Temperature:	7°C~40°C
Overall dimension (L×W×H):	410×230×350 mm