



PROVISION SCIENTIFI CO., LTD.

252 ถนนสวนสยาม แขวงคันนายาว เขตคันนายาว กรุงเทพฯ 10230

โทร : 0 2517 5772 4 / โทรสาร : 0 2517 5772 4 ต่อ 818

252 Suan Siam Road , Khannayao , Khannayao Bangkok 10230

Tel.0 2517 5772 4 / Fax.0 2517 5772 4 ext. 818 www.provsci.com



Provsci
Group of Scientific & Technology

PRODUCT CATALOG 2026



GENERAL LAB



LIFE SCIENCE



ANALYTICAL



CONSUMABLES



SERVICES



LINE ID : @provsci

provsci9@gmail.com

0 2517 5772-4

ตลาดวิทยาศาสตร์

เลือกชม/สั่งซื้อสินค้า ออนไลน์ได้ที่



www.provsci.com

"Everything in Laboratory"

SD-MK-01-05 (1/1/69 - 31/12/69)

About US

We, Provision Scientific Co., Ltd., are a trusted import company specializing in scientific instruments and equipment from leading global manufacturers. We serve a diverse range of clients from public and private institutions, including laboratories, health organizations, industrial facilities, and research institutes.

With over a decade of dedication, our team delivers effective solutions to support clients in achieving excellence in analysis and research. We always update technologies to meet evolving market needs. Beyond product delivery, we provide preventive maintenance and repair services to maintain client trust after the warranty period.

At Provision Scientific, we promise high quality instruments and consistent after-sales service. Let us be part of your success.



นโยบายคุณภาพ พันธนาคุณภาพ ประสิทธิภาพ และเพิ่มศักยภาพขององค์กร ปาณคโณโยทกัณสนมยมาตอนสนอน ความตอนการ และความเพ็พพอใจของลูกค้า รวมทั้งมีระบบการบริการหลัการขาย เพ็พพความสะดวกรวดเร็วในการดูแล ปัญหาของลูกค้าอย่างต่อเนื่อ

บริษัทมีระบบการบริหารงานที่ผ่านการรับรองมาตรฐาน ISO ซึ่พเป็นหลัการแสดงถึงควมบู้บ่นในการพัฒนาคุณภาพอย่างต่อเนื่อ และควมนำาเชื่อถือในการดำเนินงาน

After-Sales Services



Installation

Complimentary installation with a brief demonstration. Video manuals are available upon request.



One-Year Warranty

Covers repair services using quality parts from extended two-year warranty is available at 15% of the product price.



Onsite Training

Operation manuals provided in both English and Thai. Training conducted by experienced product specialists.



Online Support

Our official LINE account @provsci is available for customer inquiries and live chat support from 08:00 to 17:00.



Lab Equipment

GENERAL LAB



LIFE SCIENCE



ANALYTICAL



CONSUMABLES



4 TABLE OF CONTENT

AUTOClave AND STERILIZER	Page 5-8
Fully Automatic Vertical Autoclave - Open-flip lid	
Automatic Vertical Autoclave - Steering Wheel lid	
Benchtop Autoclave (For Dental/Aesthetic Clinic)	
Sterilizer	
BALANCE	Page 9
BLACK-BOX TYPE UV ANALYZE	Page 10
BIOSAFETY CABINET	Page 11
Biologicals Safety Cabinet ClassII Type A2	
PCR Cabinet	
CENTRIFUGE	Page 12-15
Mini Centrifuge	
Microcentrifuge	
Benchtop Centrifuge	
Refrigerated Centrifuge	
CHEMICAL STORAGE CABINET	Page 16-17
Non-Filtered Storage Cabinet for Acids and Bases	
Non-Filtered Storage Cabinet for Chemicals	
Filtered Storage Cabinet	
CHILLER	Page 18
Recirculating Water Chiller	
Benchtop Recirculating Water Chiller	
Solvent Collector	
CONSUMABLE	Page 60-71
Plasticware	
Glassware	
Paper	
Syringe Filter & Membrane	
DRY CABINET	Page 19
Auto Dehumidification Dry Cabinet	
FULLY AUTOMATED PETRI DISH FILLER	Page 20
FUME HOOD	Page 20
Ductless Fume Hood	
GRAPHITE DIGESTER	Page 21
Anti-Corrosive Graphite Digester	
HEATING MANTLE	Page 22
HOTPLATE & STIRRER	Page 22-25
Magnetic Stirrer	
Hotplate Magnetic Stirrer	
Hotplate	
Overhead Stirrer	
HOMOGENIZER	Page 26-27
Handheld Homogenizer	
Microtube Homogenizer	
Ultrasonic Homogenizer	
Lab Paddle Blender	
INCUBATOR	Page 28-33
Forced Air Incubator	
Constant Temperature And Humidity Incubator	
CO ₂ Incubator	
Shaking Incubator	
Laboratory Glassware Washer	
LAMINAR FLOW CABINET	Page 34

5 LAB EQUIPMENT

AUTOClave

- ✓ 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	✓	✓	✓
	✗	✓	✓
	✗	✗	✓
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



up and downflip open, vertical chamber
one move by one hand can easily
open and close

Outstanding Safety Features

- Auto Lid Locking System** Patented interlock system with mechanical and electrical safety checks.
- Auto Lid Unlock Temperature** 40°C~99°C (solid/waste/agar mode) and 40°C~80°C (liquid mode).
- Monitoring/Troubleshooting** Auto protection against overpressure, low water level, and electrical faults.

MODEL

Overall Dimension (L×W×H)

Chamber Dimension (Dia×H)

Chamber Capacity

Basket Size (Dia×H)

GR60_	GR85_	GR110_
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
390 mm 505 mm	390 mm 700 mm	390 mm 895 mm
60 L	85 L	110 L
Ø370×190 mm, 2 pcs	Ø370×280 mm, 2 pcs	Ø370×250 mm, 3 pcs

6 LAB EQUIPMENT



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

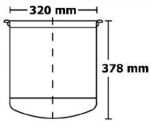
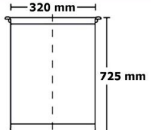
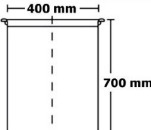
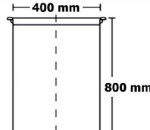
denotes chamber capacity in liter

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

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/TR: 620×745×1,200 mm
Chamber Dimension (Dia×H):				
Chamber Capacity (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



HRH-18KBY
Size
18 L



Effective volume: 11L

Configuration: Semi-auto

Material: Stainless steel

Tank volume (DxH): 280x240mm

Storage volume (DxH): 260x240mm

Tank volume (DxH): 269x260mm

TEMP setting range: 50~126°C

Time setting range: 1~999min

Product dimension: 440x445x629mm

Gross Weight: 23kg

7 LAB EQUIPMENT



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

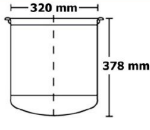
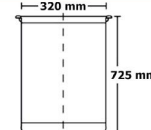
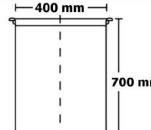
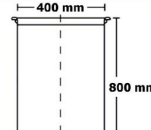
Parameter Setting Range

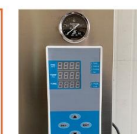
	Temperature	Time
Sterilization	105°C~135°C	1~300 min
Melting	N/A	N/A
Warming	N/A	N/A
Drying	N/A	N/A

Exhaust Control: N/A

Model

Overall Dimension (L×W×H):
Chamber Dimension (Dia×H):

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 Capacity:	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



LED display of working status,
touch type key.
Easy to operate, safe and reliable



The all stainless steel flip door is
secured by eight ring nuts to make
the autoclave process safer and has
an anti-scaled cover to avoid burns



Fully stainless steel structure
With two stainless steel
sterilizing baskets



Equipped with safety valve
Over temperature & over pressure
auto-protection.
Safe protection of water lacking.

HRH-18KBY

Capacity: 75L (Φ400×600) mm

Working Pressure: 0.22MPa

Working Temperature: 134°C

Max. Working Pressure: 0.23 Mpa



Heat Arerage: ≤ 1°C

Working Time: 0~99h59min

Temperature adjust range: 105°C-134°C

Overall Dimension: 550 × 530 × 1180 mm

8 LAB EQUIPMENT

ProVsci
Group of Scientific & Technology



LED display of working status,
touch type key.
Easy to operate, safe and reliable



The all stainless steel tip door is
secured by eight ring nuts to make
the autoclave process safer and has
an anti-scratch cover to avoid burns



Fully stainless steel structure
With two stainless steel
sterilizing baskets



Equipped with safety valve
Over temperature & over pressure
auto-protection
Safe protection of water locking.

LANPHAN

LPLS-75LD

Capacity: 75L (Φ400×600mm)

Working Pressure: 0.23MPa

Working Temperature: 134°C

Max. Working Pressure : 0.23 Mpa



Heat Average: ≤ 1°C

Working Time: 0~99h59min

Temperature adjust range: 105°C 134°C

Overall Dimension: 550 × 530 × 1180 mm



Reinforced flanged iron flap,
secured by ring nut, more secure



New upgraded display screen With timing function,
simple With timing function, simple



Power outlet Overvoltage protection, anti-dry burning

LPYX-18HDD

Capacity: 24L (Φ280×390mm)

Working Pressure: 0.14-0.16MPa

Working Temperature: 126°C

Max. Working Pressure: 0.165Mpa

Heat average: ≤ 1°C

Working Time: 0-99 min

Temperature Adjust range: 105~126 °C

Overall Dimension: 410×410×750 mm



LPTM-XB20J

Capacity: 20L (Φ250×420 mm)

Max. Working Pressure: 0.23 Mpa



Temperature adjust range: 105°C~134°C

Working Pressure: 0.23MPa

Working Time: 0-60 min



Working Temperature: 134°C

Overall Dimension: 480 × 480 × 384 mm

Sterilizer

MIULAB

HY800

Max. Temperature: 825 °C ± 50 °C

Diameter: Ø14 mm

Adjustable angle: 75 °C~120 °C



HY800D

Max. Temperature: 825 °C ± 50 °C

Diameter: Ø35 mm

Adjustable angle: 75 °C~120 °C



9 LAB EQUIPMENT

ProVsci
Group of Scientific & Technology

BALANCE



Super Monoblock Sensor



PTX Intelligent Internal Calibration Analytical Balance
PTX series using new numeric mainboard: multiple mainboard technology, higher integration
project. PTX series balance has many different application, multiple intelligent anti shock
technology, temperature compensation with whole range, multipoint linearity calibration and so
on. Highly compatible software program widely satisfy user's advanced request of high precision
balance.

PTX-FA220S (4 Digit)

Capacity: 220g

Pan Size: Ø90mm

Readability: 0.1mg

Housing(mm): 345×223×331

Repeatability: ±0.1mg

Calibration Way: Internal

Linearity: ±0.2mg

Display: LCD Display

Application Mode

Percentage Weighing	Accumulating Function
Dynamic Weighing	Density Weighing
Counting Function	High Low Limit Alarm
Computing Function	Gross/Net/Tare Weight Weighing

PTY-224 (4 Digit)

Capacity: 220g

Readability: 0.1mg

Repeatability: ±0.1mg

Linearity: ±0.2mg

Housing(mm): 245×223×33mm

Pan Size: Ø90mm

Display: HD color touchscreen



Application Mode

Percentage Weighing	High Low Limit Alarm
Dynamic Weighing	Gross/Net/Tare Weight Weighing
Counting Function	Peak Holding Function
Computing Function	Density Weighing



PTT-A+300 (3 Digit)

Capacity: 300g

Readability: 1mg

Repeatability: ±2mg

Linearity: ±2mg

Pan Size: Ø80mm

Housing(mm): 295×208×290

Calibration Way: External CAL

Display: LCD Display

Application Mode

Percentage Weighing	Selectable weighing and count mode
---------------------	------------------------------------

PTY-B2200 (2 Digit)

Capacity: 2200g

Calibration Way: External CAL

Readability: 0.01g

Pan Size: 168×168 mm

Repeatability: ±0.02g

Housing(mm): 295×208×88

Linearity: ±0.02g

Display: LCD Display

Application Mode

Percentage Weighing	High-low weighing function
With density determination	Gross/Net/Tare weight weighing
With dynamic on weighing function	Peak holding function
Selectable weighing and count mode	Accumulate function



BTU - 6 Black-box type UV analyzer can send out long and short wave uv light with high UV intensity ,good stability and easy operation. It's reliable and popular among customers. Mainly used in scientific research, production and other fields. Use widely available in biochemistry, medicine, samples of DNA, RNA electrophoresis gel observation analysis, detection of protein, nucleotide, etc.

BLACK-BOX TYPE UV ANALYZE



BTU - 6

Transmission: 312nm254nm365nm
 (Optional wavelength Standard configuration :312nm)

Transmission: 200mmX150mm

UV observation window: 140 x 60mm

Lamp working time: >5000

Input Voltage: AC 220V 50Hz

Power: 8W x 6

Dimension: W.350xD.315xH.520mm

Net Weight: 6 kgs



DUT-48 Blue Light Transilluminator is used for the observation of gel electrophoresis. It uses LED light to observe or shoot various dyes. LED light is strong illumination with no harm. It is long life, smart and portable.

BLUE LIGHT TRANSILLUMINATOR

DUT-48

Wavelength: 470 nm

Max. Gel Size: 100x150 mm

Voltage: DC 24 V Power Adapter

Dimensions(LxWxH.): 210x210x30 mm

Net Weight: 1.4 kgs



7-inch color touch control interface display, an interface can be real-time display of inflow and downflow air velocity, fan operation time schedule, the status of the front window, the filter and the sterilization lamp life percentage, the working environment temperature, the output and shutdown operation of the socket, lighting, sterilization and fan, the operation log and alarm function, without the need to switch the interface

BIO SAFETY CABINET

AS1300 / AS1500 / AS1800

Filtration efficiency: >99.9995%, @0.12μm

Air supply and exhaust filters: ULPA filters

Down flow velocity: 0.25~0.50m/s

Inflow velocity: ≥0.53m/s

LED light: 18W x1

UV light: 20W x 1

Work Dimension (WxDxH)

AS1300

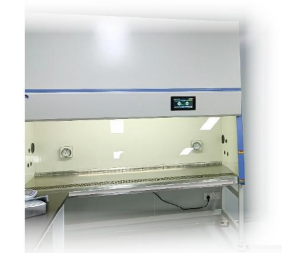
Internal: 1180x580x740 mm
 External: 1300x810x2290 mm

AS1500

Internal: 1390x580x740 mm
 External: 1500x810x2290 mm

AS1800

Internal : 1698x580x740mm
 External : 1800x810x2290mm



PCR-LP1100 / PCR-LP1300 / PCR-LP1600

Airflow Velocity: 0.2~0.5 m/s, speed adjustable

Cleanliness Grade: ISO Class 5 (formerly Class 100)

Pre-Filter: 1pcs, Polyester fiber, washable

HEPA Filter: 1 pcs

Efficiency: > 99.995% at particle size of 0.3μm

Illuminating : ≥900Lx

UV lamp

PCR-LP1100

20w x 1

PCR-LP1300

30w x 1

PCR-LP1600

30w x 1

Work Dimension (WxDxH)

PCR-LP1100

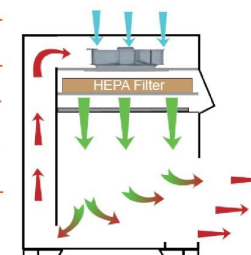
Internal: 950x615x625 mm
 External: 1050x710x1850 mm

PCR-LP1300

Internal: 1220x615x625 mm
 External: 1320x710x1850 mm

PCR-LP1600

Internal: 1830x615x625 mm
 External: 1930x710x1850 mm



→ POLLUTED AIR
 → FILTERED AIR
 → ROOM AIR

| Electronic safety lock prevent cover opening during working

| LCD color Screen

| Manually lid open in case failure or emergency.

CENTRIFUGE

Low speed centrifuge

TD4

Standard rotor

Optional rotor

12 × 10 ml/5 ml

12 × 15 ml/5 ml



6 × 50 ml angle rotor

Max. speed: 4,000 rpm

Max RCF: 3035 xg

MEDSPIN



A centrifuge suitable for an angle rotor



Controlled by Microprocessor control



LCD Display speed and time

XZ-6G

Standard rotor

Optional rotor

12 × 10 ml/5 ml,



6 × 50 ml angle rotor

Max. speed: 6,000 rpm

Max RCF: 5085 xg

TD5B

Standard rotor

Optional rotor

14 × 50 ml Swing rotor

8 × 50 ml Swing rotor

4 × 100 ml Swing rotor

4 × 250 ml Swing rotor



32 × 15 ml/10 ml/5 ml /2 ml Swing rotor

Max. speed: 5,000 rpm

Max RCF: 4760 xg



A centrifuge suitable for an angle rotor



Controlled by Microprocessor control



LCD Display speed and time



High speed centrifuge

3H16R1

Standard rotor

Optional rotor

12 × 10 ml/5 ml,

12 × 15 ml/5 ml



24 × 1.5 ml/2.2 ml

Max. speed: 20,000 rpm

Max RCF: 27,800 xg

Refrigerated: -20 °C ~ -40 °C



A centrifuge suitable for an angle rotor



Controlled by Microprocessor control



LCD Display speed and time



XZ-16T

Standard rotor

Optional rotor

12 × 1.5 ml/2.2 ml,

24 × 1.5 ml/2.2 ml,

4 × 50 ml, 6 × 50 ml,

4 × 100 ml



12 × 15 ml angle rotor

Max. speed: 16,000 rpm

Max RCF: 20,920 xg



XZ-20T

Standard rotor

Optional rotor

12 × 1.5 ml/2.2 ml,

24 × 1.5 ml/2.2 ml,

24 × 10 ml, 4 × 50 ml,

6 × 50 ml, 4 × 100 ml



12 × 15 ml angle rotor

Max. speed: 20,000 rpm

Max RCF: 27,800 xg

TGL-16MB

Standard rotor

Optional rotor

12 × 1.5 ml/2.2 ml,

24 × 1.5 ml/2.2 ml,

12 × 15 ml, 4 × 50 ml,

4 × 100 ml



6 × 50 ml angle rotor

Max. speed: 16,000 rpm

Max RCF: 20,920 xg

Refrigerated: -20 °C ~ -40 °C



TGL-20MB

Standard rotor

Optional rotor

12 × 1.5 ml/2.2 ml,

24 × 1.5 ml/2.2 ml,

24 × 10 ml, 12 × 15 ml,

4 × 50 ml, 4 × 100 ml



6 × 50 ml angle rotor

Max. speed: 20,000 rpm

Max RCF: 27,800 xg

Refrigerated: -20 °C ~ -40 °C



110V 60Hz Mini Centrifuge 10,000 RPM Adjustable Includes 8-Place Micro Tube Rotor and 16-Place PCR Strip Rotor Mini Desktop Centrifuge

Mini centrifuge

Mini-10K+C

Speed range: 3,000 ~ 10,000 rpm

Timer: 1s ~ 999m or continuous

Max. RCF: approx: 500g ~ 5,600g

Working Noise: approx: ≤55dB



MIULAB

Rotor & tube adaptor



round rotor

8 hole round

tube adaptor

0.5 ml casing*8

0.2 ml casing*8

strip rotor



Squeeze the slot from both sides to the middle to take out the rotor and replace the rotor, which is convenient and quick



Intelligent LCD display panel

| 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)

Microplate centrifuge

MINIP-2500

Sample capacity: 2 PCR plates

Speed range: 2,800 rpm

Max. RCF: approx: 500g ~ 5,600g



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



Multi-Function Mini Centrifuge

HW6

Speed range: 1,000 ~ 12,000 rpm

Timer: 15s ~ 99min/continuous operation

Max. RCF: approx: 6,900xg



rotor #1

rotor #1 and rotor #2 for 6x1.5ml/2.0ml tubes and 2x8x0.2ml PCR tubes, adapter for 0.2 ml /0.5ml tubes.



rotor #2

HWLAB

Palm Micro Centrifuge

D1008

Max.Speed: 7,000rpm

Run time: Continuous operation

Max. RCF: 2680×g

 Rotor capacity : 0.2/0.5/1.5/2.0mL×8;
 0.2 mL×32 PCR tubes,0.2 mL×4 PCR -Strip

 A8-2P
 19201164

 A4-PCR8P
 19201165

Low-Speed Centrifuge

CF0506

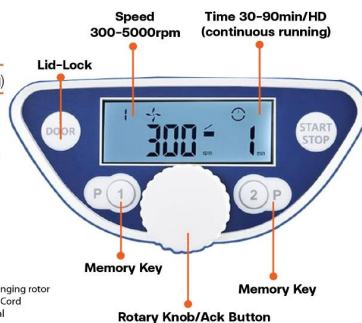
Speed range: 300-5000rpm, increment:10rpm

Run time: 30sec ~99min, HD(continuous running)

Max. RCF: 2600×g, increment: 10×g

Rotor capacity : 6x15mL/10mL/7mL/1.5-5mL


 A6-15P
 15mL/10mL/7mL/5mLx6

 Package Included:
 1 x LCD Digital Centrifuge
 1 x Angle Rotor
 12 x Adaptors
 1 x Tool for changing rotor
 1 x USA Power Cord
 1 x User Manual

High Speed Refrigerated Centrifuge

DG1616R

Max.Speed: 16,000 rpm

Run time: Timing/HOLD

Max. RCF: 28,621 ×g

Temperature Range: -10°C to 40°C

Rotor capacity :4× 400mL Maximum speed: 5000rpm

Maximum centrifugal force: 4639×g

Rotor material: aluminum alloy hanging cup+stainless steel hanging bracket

Rotor type: Airtight rotor



Cat.No.19400155


High Speed Micro-Centrifuges

D2012S

Speed range: 15000rpm (300-15000rpm), increment:100rpm

Run time: 30s ~99min

Max. RCF: 15100×g



Optional Rotors



A6-5VP Rotor w/ Lid (6x5mL+6x0.5mL)



A4-PCR8 Rotor (4xPCR or 32x0.2mL PCR Tubes)



A18-2P Rotor w/ Lid (18x2.0mL)


D2012-Plus

Speed range: 500-15000rpm, increment: 100rpm

Run time: 30s-99min/Continuous

Max. RCF: 15100×g, increment: 100×g

Speed accuracy : ±20rpm

Rotor capacity : 0.2mL/0.5mL/1.5mL/2mL×12


 Can No.19400010
 0.2mL/0.5mL/1.5mL/2mL×12

D3024

Speed range: 15000rpm(200-15000rpm), increment:10rpm

Run time: 30sec-99min/Continuous

Max. RCF: 21380×g, increment:10×g

Speed accuracy : ±20 rpm



Aluminum alloy

Standard Rotor

 Can No.19400069
 2mL/1.5mL×24

Optimal rotor

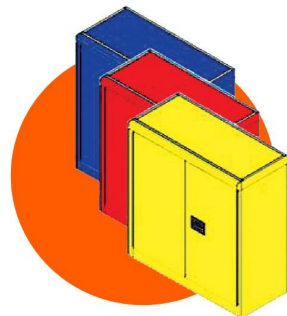
 5mL×18 (Round bottom)
 5mL×12(Cone bottom)
 0.5mL×36
 0.2mL×PCR8×4


CHEMICAL 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.

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



Chemical Storage Cabinet

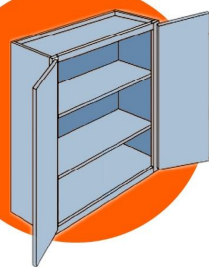
Epoxy-coated stainless steel
Yellow for flammables
Red for combustibles
Blue for consumables

MODEL	O30#	O45#	O60#	O90#
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

#: Y, R, or B

Acid-Alkali Storage Cabinet

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



Acid-Alkali Storage Cabinet

Polypropylene
Azure gray for strong acids & bases

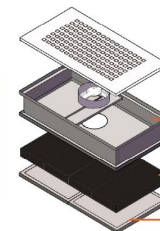
MODEL	O30P	O45P	O60P	O90P
Dimension (W×D×H):	1090×460×1120 mm	1090×460×1650 mm	860×860×1650 mm	1090×860×1650 mm
Shelf:	1 pc, PP laminate	2 pcs, PP lamin	2 pcs, PP laminate	2 pcs, PP laminate
Capacity:	114 L	170 L	227 L	340 L

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.

Net Gas Type Safety Cabinet



Control Unit

Control Unit

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

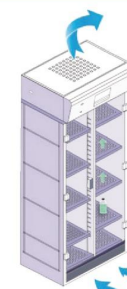
Centrifugal fan
Activated carbon filters
Prefilter

Ventilation System

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

Model	Dimension (W×D×H)	Shelf	Capacity:	A/C Filters:
Z030	1090×460×1400 mm	1 pc, galvanized steel	114L	2 pcs
Z045	1090×460×1930 mm	1 pc, galvanized steel	170L	4 pcs

Filtered Storage Cabinet



Model	Dimension (W×D×H):	Shelf:	Air Capacity:	A/C Filters:
G800	800×510×2360 mm	8 pcs, ABS laminate	220 cbm/n	4 pcs
G1600	1600×510×2360 mm	8 pcs, ABS laminate	220 cbm/n	4 pcs



MODEL

Filter

Fan

Shelves

Size(LxDxH)

SWN2001

Prefilter+Carbon Filter + HEPA Filter

High Efficiency and Silent Fan (Twin Fan System)

12 ea

1250x760x2005 (mm)

SWN2002

6 ea

900x760x2005 (mm)



LCD DISPLAY



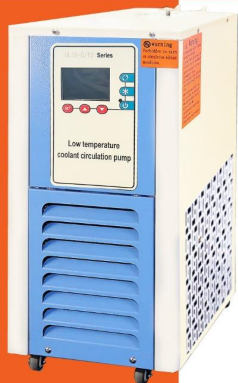
LED LAMP X 2 EA



STEEL PLATE WITH POWDER COATING



CHILLER



DL5B 5L-10°C

Tank volume (L): 5L

No-load minimum temperature(°C): -12

Operating temperature range (°C): RT to -10

Ambient temperature range (°C): 5 ~ 25

Circulating Pump Flow (L/min): 20

Temperature display mode: LCD

Sensor: PT100

Tank size (mm):170 × 170 × 170



1

Water Bath

it has bath with large capacity, which can be used as freezing tank and to provide cooling liquid

Circulation system

Circulation system adopts anticorrosion materials, which has the function of antirust and anticorrosion, cryogenic liquid pollution prevention



3

Adaptation

it can be matched with a variety of instruments (rotary evaporators, fermentation tank, chemical reactors, freeze-drying equipments, pharmaceutical reactors, etc.)

Monitor
Digital Read Out of temperature and microprocessor controller for temperature, simple and easier to see.



4



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

Simple Controls

Easy to use interface for adjustment between -5 and 35°C



AUTO DEHUMIDIFICATION DRY CABINET

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



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



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

FULLY AUTOMATED PETRI DISH FILLER

**HRH-PBJ186**
Main Parameter

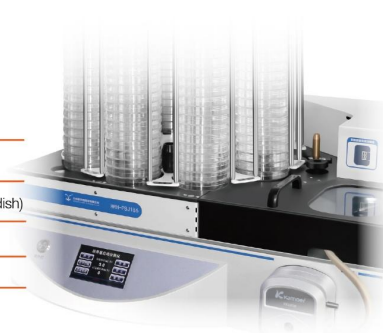
Dispensing range 5-50 ml

Dispensing speed 300 dishes/h

Single dispensing quantity 38 x 9 = 342 (Ø 90 mm dish)

Dimensions (LxW) 646 x 512 mm

Weight 51 kg



DUCTLESS FUME HOOD



- ✓ 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.

MODEL	DS800	DS1000	DS1275
Dimension (WxDxH):	800×620×1290 mm	1000×620×1320 mm	1275×620×1340 mm
Work Space (WxDxH):	760×520×870 mm	970×520×870 mm	1170×520×870 mm
Air Capacity:	230 cbm/h	230 cbm/h	460 cbm/h
Centrifugal Fan:	1 pc	1 pc	2 pc
A/C Filters per stage:	4 pcs (8 pcs total)	4 pcs (8 pcs total)	6 pcs (12 pcs total)

Ventilation System

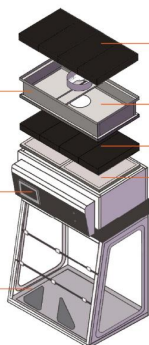
Low-noise centrifugal fan
Air velocity: 0.4-0.6 m/s
One-layer prefilter
Two-stage activated carbon filtration

Control Unit

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

Hood

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

2nd Stage activated carbon filters

Centrifugal fan box

1st stage activated carbon filters

Prefilter

ANTI-CORROSIVE GRAPHITE DIGESTER

- ✓ 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)

Digestion Block Dimension (Dia×H):

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



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

**Auto-lifting unit**

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

HEATING MANTLE

**ZNHW-II Series****Intelligent digital display electric heating**

Heating element: Cr20Ni80

Temperature range: RT to 380°C

Accuracy: $\pm 1^\circ\text{C}$

Insulating layer: Alkali free glass fiber, can withstand 450°C

Insulating coefficient: $\geq 500\Omega$ when the relative humidity is less than 35% C

Working time: Continuous

Power supply (V/Hz) : 220V/50Hz

MODEL	Power (W)
100ML	130
250ML	210
500ML	230
1L	530
2L	650

MODEL	Power (W)
3L	730
5L	1,100
10L	2,100
20L	3,000
50L	5,000

HOTPLATE & STIRRER

**Magnetic Hotplate Stirrers****MS-H380-Pro**

380°C magnetic hotplate stirrers include all leading safety standards and is chemically-resistant with white ceramic work plate. They can be used in physical, chemical, analytical and biological laboratories

Display	Work plate	Max.Heating Temp
LCD	6×6 inch	380°C

Speed Rang (rpm)	Max.stirring quantity(H ₂ O)	Temperature display accuracy
200-1,500rpm	5L	$\pm 1^\circ\text{C}$

Focusing High Quantity

Large ceramic coated aluminum work plate



High strength plastic housing



LCD digital accurate display for speed and temp

**MS10-H500-Pro**

Display	Work plate	Max.Heating Temp	Timing Function
LCD	254×254mm (10 inch) Glass ceramic	500°C	1min-99h59min
Speed Rang (rpm)	Max.stirring quantity(H ₂ O)	Temperature display accuracy	
100-1,500rpm	30L	$\pm 0.1^\circ\text{C}$	

**MS7-H550-Pro**

Display	Work plate	Max.Heating Temp
LCD	184×184mm (7 inch) Glass ceramic	550°C
Speed Rang (rpm)	Max.stirring quantity(H ₂ O)	Temperature display accuracy
100-1,500rpm	20L	$\pm 0.1^\circ\text{C}$

**MS7-H390-E**

Display	Work plate	Max.Heating Temp
LCD	184×184mm Aluminum with ceramic coating	390°C
Speed Rang (rpm)	Max.stirring quantity (H ₂ O)	Temperature display accuracy
80-1,500rpm	20L	$\pm 0.1^\circ\text{C}$

Muti-channel hotplate magnetic stirrer**MS-H280-S6**

Display	Work plate	Max.Heating Temp
LCD	Ø134mm×6 Aluminum with ceramic coating	280°C
Speed Rang (rpm)	Max.stirring quantity (H ₂ O)	Temperature control accuracy
200-1,500rpm	3L×6	$\pm 1^\circ\text{C} (<100^\circ\text{C})$, $\pm 1\% (>100^\circ\text{C})$



HOTPLATE

HP500-PRO

Display	Work plate	Max.Heating Temp	Timer Function
LCD	254×254mm (10 inch) Glass ceramic	500°C	1min-99h59min
Timer function	Heating position	Temperature display accuracy	
1min-99h59min	1	±1°C	

Magnetic Stirrers

MS-PA

Display	Work plate	Motor type
LED	Ø135mm (5inch) Nylon+GF	Brushless DC motor
Speed Rang (rpm)	Stirring positions	Max.stirring quantity [H ₂ O]
200-1500rpm	1	3L

FlatSpin

>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem vel eum irure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et



Clockwise & Counterclockwise

Max.stirring quantity [H ₂ O]	Stirring positions	Speed range
0.8L	1	15-1500 rpm

EcoStir

Display	Work plate	Max.magnetic bar [length]
-	120×115mm PET	40mm
Speed Rang (rpm)	Stirring positions	Max.stirring quantity [H ₂ O]
300-2,000rpm	1	1.5L

OVERHEAD STIRRER

Overhead Stirrers are competent for most demanding tasks with guaranteed safety and performance. They are widely used in chemical synthesis, pharmaceutical synthesis, physical and chemical analysis, petrochemical industries, etc.



OS20-S

Max. Stirring Quantity [H₂O]: 20L
Speed Range: 50--2200rpm
Max. Torque: 40N•cm
Viscosity max.: 10000mPa•s
Chuck range diameter: 0.5--10mm
Speed display : LED

OS40-S

Max. Stirring Quantity [H₂O]: 40L
Speed Range: 50--2200rpm
Max. Torque: 60N•cm
Viscosity max.: 50000mPa•s
Chuck range diameter: 0.5--10mm
Speed display : LED

OS20-Pro

Max. Stirring Quantity [H₂O]: 20L
Speed Range: 50--2200rpm
Speed display accuracy: ±3rpm
Max. torque: 40N•cm
Viscosity max.: 10000mPa•s
Speed and Torque display: LCD

OS40-Pro

Max. Stirring Quantity [H₂O]: 40L
Speed Range: 50--2200rpm
Speed display accuracy: ±3rpm
Max. torque: 60N•cm
Viscosity max.: 50000mPa•s
Speed and Torque display: LCD

Universal Plate Stand
(for OS20/40/70)

Cat. No.18900605



Dimension [W x D x H]:
20x31x78cm
Material: cast iron

Standard propeller stirrer

Cat. No.18900071



Stirrer diameter: 5cm
Shaft diameter: Ø28mm
Material: 316L stainless steel
Standard stirring applications
at medium and high speed



Stirring paddle "top-cross" design
easy to replace the container



Self-locking rill chuck tools free, no
chuck is needed



Silicone cover protect drill chuck
from erosive vapor



Main unit height can be adjusted
without tool



Non-slip mat for stability

HOMOGENIZER

The high shear homogenizer D500 is applicable to various tasks from sample preparation to formulation study. The motor drives the rotor to rotate at high speed, and the sample is homogenized or dispersed by the gap between the rotor and stator, usually in a short period of time.



High Shear Homogenizer D-500

Speed range: 10000~30000rpm

Max linear velocity: 22.7-36m/sec

Speed Level: 6 stage

Working volume: 10-4000mL

Max. viscosity: 10000mPa-s

Material of dispersing shaft: SS 316L stainless steel, PTFE

Power: 500w



Standard dispersion head
18201331
Solid and liquid dispersion
Volume 10-5000mL
Max. circum. Speed 23.5m/sec
General purpose
Emulsion granularity range 1-10µm
Suspension granularity range 10-50µm



Designed for rapidly homogenize, emulsify, suspend and disrupt biological samples like tissue of animal, bacteria, yeast, plant samples, etc. in liquids. Ideal for samples from 0.1mL to 250mL depending on shaft chosen.



Handheld Homogenizer D-160

Speed range: 8000-32000rpm

Max linear velocity: 6.3, 10, 14 m/sec

Speed Level: 10 stage

Working volume [H₂O]:
0.1-50mL (Dispersing shaft DS-160/5)
1-150mL (Dispersing shaft DS-160/7)
1-250mL (Dispersing shaft DS-160/10)

Material of Dispersing Shaft:
SS 316L stainless steel, PTFE

Power: 160w

Optional

DS-160/5

Cat. No.18900543



DS-160/7

Cat. No.18900815



Standard

DS-160/10

Cat. No.18900544



Handheld Homogenizer MT-30K

Speed Range: 8krpm~35Krpm (1krpm Increment)

Rotor Line Speed: 6.3m/sec~14m/sec

Working Noise: 72dB

Power Input/Output: 160W/110W

Dimension: W.46xD.55xH.230mm

Net Weight: 0.8kgs



MT-30K-D

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

MT-30K-A

Handling capacity: 0.5~50mL



MT-30K-B

Handling capacity: 1~100mL



MT-30K-C

Handling capacity: 1~250mL



Handheld Homogenizer MT-13K-L

Speed Range: 16000rpm Fixed speed

Working Noise: 55dB

Battery Non-loaded Working Time: 2 hours (Idling)

Battery Charging time: ≥ 2 hours

Battery: AA battery x 2

Dimension(WxDxH): W.143mmxD.25mmxH.143mm



Grinding pestle



Ultrasonic homogenizer

MODEL Biosafer	Specification	Standard horn	Crushing capacity	Optional horn
150-96	150 W	6 mm	1~150 mL	2, 3, 8 mm
250-88	250 W	6 mm	1~300 mL	2, 3, 8, 10 mm
650-92	650 W	6 mm	1~650 mL	2, 3, 10, 12 mm



INCUBATOR

CO₂ Incubator

Specification	C-80SE	C-180SE
Control interface:	5-inch LCD touch screen	
Capacity:	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	



Constant temperature and humidity incubator

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

CO₂ INCUBATOR SHAKER

Specification	CS310
Speed range:	2 ~ 300 rpm
Temperature range:	4 °C ~ 60 °C
CO ₂ Control:	0 ~ 20%
Sterilization mode:	UV sterilization
Tray capacity of shake flask:	25×250 ml, 16×500 ml 9×1000 ml, 4×2000 ml 4×3000 ml, 4×5000 ml
Volume:	310 L



Specification	CS310
Speed range:	2 ~ 300 rpm
Temperature range:	4 °C ~ 60 °C
CO ₂ Control:	0 ~ 20%
Sterilization mode:	UV sterilization
Tray capacity of shake flask:	35×250ml, 24×500 ml 15×1000ml, 8×2000 ml 6×3000ml, 4×5000 ml
Volume:	160 L

Incubator

BIOBASE

Specification	BJPX-I-150
Capacity:	150L
Temperature Control Range:	0~65°C
Timing Range:	0~9999min/h
Size(WxDxH):	Internal (mm) External (mm)
	450×420×850 590×630×1380



Specification	BJPX-L400/II
Capacity:	402L
Temperature Control Range:	With illumination: 10~50°C; Without illumination: 5~50°C
Temperature Uniformity:	±2 °C
Temperature Fluctuation:	±0.5 °C
Size(WxDxH):	Internal (mm) External (mm)
	560×600×1198 755×905×1840



Constant temperature incubator
SCITEK
Incubator Shaker


Specification		ICB-45BE
Capacity:		42L
Temperature Control Range:		RT+5-65°C
Display:		LCD screen
Timer (min):		0-9999
Size(WxDxH):	Internal (mm)	350×350×350
	External (mm)	580×530×800



Specification		ICB-75BE	ICB-125BE
Capacity:		72L	125L
Temperature Control Range:		RT+5-65	RT+5-65°C
Display:		LCD screen	LCD screen
Timer(min):		0-9999	0-9999
Size(WxDxH):	Internal (mm)	400×400×450	450×500×550
	External (mm)	500×490×705	630×635×900



Specification	SK-1	SK-1C
Capacity:	100L	100L
Temperature:	RT+5 to 50 °C	0 to 50 °C
Speed:	40~280 rpm	40-280 rpm
Std.Holder:	Spring Tray	Spring Tray
Display:	LCD display	LCD display
Shaking mode:	Orbital (20mm)	Orbital ((20mm)


BIOBASE

Specification		BJPX-B150
Capacity:		150L
Temperature Range:		0~60°C
Timing Range:		0~999h 59min
Size(WxDxH):	Internal (mm)	550×401×690 mm
	External (mm)	690×692×1270 mm



Specification		ICB-50THI
Capacity:		50L
Temperature Control Range:		5~65°C±2°C
Humidity range:		40%~95%RH ±5%RH
Display:		Digital LCD Display
Timer (min):		0-9999
Size(WxDxH):	Internal (mm)	350x350x400
	External (mm)	545x460x905



Specification		BJPX-HT150B
Capacity:		150L
Temperature:		0~60°C
Timing Range:		0~999h or continuous
Size(WxDxH):	Internal (mm)	401×550×690 mm
	External (mm)	692×690×1270 mm

Constant Temperature & Humidity Incubator


Specification		ICB-70TH
Capacity:		70L
Temperature Fluctuation:		High Temp.: ±0.5°C Low Temp.: ±1°C
Humidity range:		45%~95%RH ±5%RH
Display:		Large high definition LCD
Timer (min):		0~99.99h x 30 Segments (with timing wait function)
Temperature Control Range:		0-65°C (no humidification): 10-60°C(with humidification)
Size(WxDxH):	Internal (mm)	415x350x500
	External (mm)	571x591x1051



Specification	BJPX-ST20
Display :	LCD
Vibration Range:	φ26mm
Rotating Speed :	30~300 r/min
Temp. Range:	RT+5~60°C
Timing Range:	0~999h 59min
Standard Capacity:	250ml*12 or 500ml*10 or 1000ml*6 or 2000ml*4

Incubator Shaker


Specification	ES-60
Temp.control range:	R.T. +5 °C~65 °C
Speed range:	50~300 rpm
Shaking orbit:	20 mm (Orbital)
Optional platform:	



UP-12



P12-100



P6-250



PW-260



Specification	ES-60C
Temp.control range:	4 °C~65 °C
Speed range:	50~300 rpm
Shaking orbit:	20 mm (Orbital)
Optional platform:	UP-12, P12-100, P6-250 and PW-260



UP-12



P12-100



P6-250



PW-260



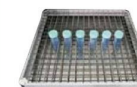
Specification	ES-60E
Temp.control range:	R.T. +5 °C~65 °C
Speed range:	200~1200 rpm
Shaking orbit:	3mm (Horizontal)
Optional platform:	PW-1500



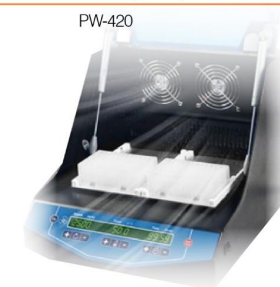
PW-1500



Specification	ES-60+
Temp.control range:	R.T. +5 °C~65 °C
Speed range:	50~300 rpm
Shaking orbit:	20 mm (Orbital)
Option platform:	PW-420



PW-420


Constant Temperature Shaking Incubator(Benchtop)
SCITEK


Specification	ICB-20BS	ICB-50BS
Temp.control range:	R.T. +5 °C~60 °C	R.T. +5 °C~60 °C
Volume:	18 L	48 L
Speed range:	40~300 rpm	40~300 rpm
Shaking orbit:	26 mm (Orbital)	26 mm (Orbital)
Flask clamp (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
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



Specification	ICB-80BS
Temp.control range:	R.T. +10 °C~60 °C
Volume:	100 L
Speed range:	40~300 rpm
Shaking orbit:	26 mm (Orbital)
Flask clamp (Standard capacity):	50 ml x 5 or 100 ml x 5 or 250 ml x 4 or 500 ml x 3
Max. capacity:	100 ml x 20 or 250 ml x 16 or 500 ml x 12 or 1000 ml x 5 or 2000 ml x 4

LAMINAR FLOW CABINET

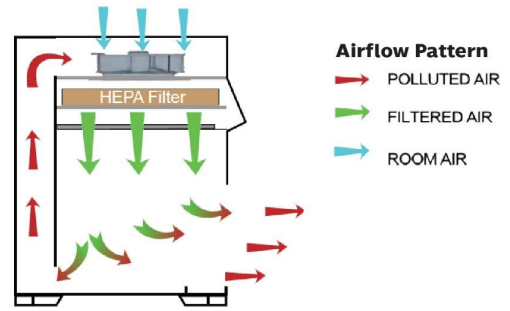


Specification	LCB-LP500II
Flnternal dimension(W x D x H):	480 x 340 x 370 mm
Airflow velocity:	0.2~0.6 m/s
Cleanness:	Class 100
HEPA filter:	0.3 μm particle ≥ 99.999%
Pre-Filter:	Polyurethane
LED lamp:	8W x 1
UV lamp:	8W x 1



Specification	PCR-LP800
Work dimension W x D x H):	610 x 590 x625 mm
Airflow velocit:	0.2~0.5 m/s
Cleanness:	ISO Class 5
HEPA filter:	1 pcs. Efficiency > 99.995% at 0.3 μm
Pre-Filter:	1 pcs. washable polyester
LED Lamp:	8W×2
Display:	Microprocessor controller with LCD display, display the operating status of each function

- 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



LIQUID HANDLING

The MicroPette Plus pipette is fully autoclavable, being able to withstand temperatures of 121°C and pressure of 1 ATM, and does not need to be pre-treated prior. Following the autoclave cycle, a 10 hour cooling and drying period ensures that the high performance of the MicroPette Plus is retained. It is recommended the piston and rubber seals be greased after every 10 cycles of autoclaving.



Single Channel	
Volume Range	
0.1-2.5μL	10-100μL
0.5-10μL	20-200μL
2-20μL	100-1000μL
5-50μL	1000-5000μL
1-10mL	

(121°C FULLY Autoclavable)

Smooth, Low Force, Effortless Button

Ergonomic Design Holder
Comfortable & Safety

Soft Knop Adjustment
Light and smooth volume adjustment

Soft Tip Ejector
Convenient and quick tip ejection

Fully Autoclavable
Without any disassembly

Large Display Window
3-digital volume display

Universal Tipcone
Fit universal tips



8 channel	
Volume Range	
0.5-10μL	
5-50μL	
10-100μL	
50-300μL	
100-1000μL	

Comfortable & Ergonomic Finger Support

Low Force Plush Button

Quick Release Tip Ejector

3-Digital Volume Display Window

Universal TipCone
Fit Universal Tips

Lower Section Autoclaved
(121°C:20 min)



12 channel	
Volume Range	
0.5-10μL	
5-50μL	
10-100μL	
50-300μL	

36 LAB EQUIPMENT

ProVsci®
Group of Scientific & Technology

dPette is an innovative Electronic Pipette developed by Onilab. It combines manual pipette features, as ergonomics and lightweight, with electronic pipette features, such as labor-saving and high accuracy, offering new pipetting experience to users

dPette+ Multi functional Electronic Pipette



For Pipetting, Mixing, Stepper and Dilution

dPette Simple Electronic Pipette



For Pipetting and Mixing

Volume Range

0.5-10μL
5-50μL
30-300μL
100-1000μL

Parameter Knob

Function Wheel

Display

ELECTRONIC PIPETTE



Diluting Mode

Stepper Mode

Pipetting Mode

Buzzer & Settings

Indicator

Battery Indicator

Volume Range Parameter

Unit

Power

Pipette Tip cone

Fully Autoclavable Mechanical Pipette



HiPette

Volume Range

0.1-2.5μL
0.5-10μL
2-20μL
5-50μL
10-100μL
20-200μL
30-300μL
100-1000μL
500-5000μL
1000-10000μL

Smooth, Low Force, Effortless Button

Smooth Knob Adjustment
Light and smooth volume adjustment

Ergonomic Design
Comfortable & Effortless, Precise & Accurate

Simple Disassembly
Easy routine maintenance



Pull up the lock wheel to set the volume

One Key Volume Lock Setting

Push down the lock wheel to lock the volume

Volume Display Window
New 4-digit volume display

Filter Element
Reduces volatile liquids entry into the pipette body, helps avoid liquid back-flow caused by improper operation and thus prevents piston corrosion and contamination

37 LAB EQUIPMENT

ProVsci®
Group of Scientific & Technology

Ergonomic fast pipetting solution with accurate speed control

Pipette Filler



Levo Plus

Aspiration Speed:
25mL < 5s (6 shift)

Replaceable lithium battery
glass or plastic pipette

Volume: 0.1-100mL



Aspiration button

Operating button for motor and gravity dispensing

Hydrophobic filter 0.45μL

Silicone adapter for 0.1-100mL pipette tip, fully autoclavable

Select pipetting speed by pressing $\uparrow/\downarrow$ button

Large LCD display for Low battery warning and speed settings



LeVo

Volume Range:
0.1-100 mL

3μL replaceable Hydrophobic filter

Silicone adapter for 0.1-100mL pipette tip, fully autoclavable



Compress the suction bellows before attaching the pipette

Button to expel residual liquid when using blow-out pipette

Aspiration and dispensing comfortably achieved with a sensitive lever

Economical Vacuum Aspirator



Small, compact and easy to use system for the convenient handling of liquid waste disposal.

EcoVac

Vacuum range: 0-500mbar

Max. Flow: 15L/min(air)

Max. aspiration speed: 17mL/s(Liquid)

Bottle: 2L standard, 1L optional with adaptor

- | | |
|---|--|
| A | 8-channel tip detrusor adapter 200μL tip |
| B | 8 channel needle Ø1.5mm |
| C | Single needle Ø2.5mm, 40mm |
| D | Single needle Ø2.5mm, 120mm |
| E | Single needle Ø1.5mm, 40mm |
| F | Single needle Ø1.5mm, 120mm |
| G | tip detrusor adapter 200μL tip |
| H | tip detrusor adapter 1mL tip |
| I | 1L bottle fitting |
| J | 1L collection bottle |
| K | Handle Hoop (Vacuum Aspirator) |



DispensMate



Bottle-Top Dispenser

Volume Range

- 1.0-10 mL
- 2.5-25 mL
- 2.5-30 mL
- 5.0-50 mL
- 5.0-60 mL



For safer and more efficient way to handle chemicals

- 1 Easy-to-use volume adjustment
- 2 Smooth piston design provides effortless dispensing experience
- 3 Easy-to-use closure cap protects user from exposure to reagent
- 4 Adapters to comfortably fit most laboratory reagent bottles



DispensMate-Pro



Premium Bottle-Top Dispenser

Volume Range

- 0.5-5 mL
- 1.0-10 mL
- 2.5-25 mL
- 5.0-50 mL
- 10-100 mL



Designed for safe, sturdy & stable dispensing directly from the bottle in the range of volumes up to 100 mL

- 1 Fast, precise, and reproducible volume locking mechanism on a clear scale
- 2 Reagent recovery function reduces reagent waste and prevents dripping when not in use
- 3 6 adapters to comfortably fit most laboratory reagent bottles
- 4 Adjustable aspirating tube for different bottle heights



Digital Burette - dTrite provides accurate, precise and convenient bottle-top titration with optimum operator safety. It combines both magnetic stirrer and Burette functions, making it easier for the user to achieve reproducible results in the field of analytical chemistry, food industry, water analysis etc.

dTrite Electronic Burette

Volume Range: 0.01 mL-99.99 mL, Max piston lift is 10 mL, resolution is 10 µL

Volume Accuracy: $R=0.2\%$ $CV=0.07\%$

Speed: 16 Levels

Control Type: External control, including the stirrer and the burette program

dTrite-Pro Electronic Titration

Volume Range

10mL	25mL	50mL
Ranging from 0.01 mL to 10 mL, with a maximum single pipetting volume of 10 mL and a minimum of 10 µL.	Ranging from 0.02 mL to 25 mL, with a maximum single pipetting volume of 25 mL and a minimum of 20 µL.	Ranging from 0.02 mL to 50 mL, with a maximum single pipetting volume of 50 mL and a minimum of 20 µL.

Suction And Discharge Speed Range

V10 levels, 0.5 mL/s-5 mL/s	V10 levels, 0.5 mL/s-5 mL/s	V10 levels, 1 mL/s-10 mL/s
-----------------------------	-----------------------------	----------------------------

Stirring speed: 5 Levels

Operating Temperature Range: 10-30°C

Memory: 1000 experimental records

Bluetooth Function: Yes

WiFi Function: Yes

Control Type: Remote support, including stirrers and titration programmes



MIXER AND ROLLER

**MX-S**

Speed Range: 0~3,000rpm

Mixing motion: Orbital

Speed display: Scale

included

VT1.1 Standard top(Default) Cat. No.18900034
for <Ø30mm tubes and small vessels

Optional

VT1.3.0 Platform pad Cat. No.18900043
Ø99mm, multiple small tubes and vessels

VT1.3.0 Universal top plate Cat. No.18900505
Ø 100mm
Includes 4 vacuum chuck



Touch Start and Continuous Modes
Continuous Mode
Automatic Mixing
Without Pressing

Touch Mode
Touch start and shaking stops when lifting

**MX-S+**

Speed Range: 100~3,000rpm

Time: 1s-99min59s

Speed display: LCD

included

VT2.2 Cat. No.188012731
Flat Rubber Sleeve (Standard)

**Microplate Mixer MX-M**

Speed range: 0~1500 rpm

Shaking movement: Orbital

Speed display: Scale

VT1.3.0 Platform pad Cat. No.18900043
Ø99mm, multiple small tubes and vessels

PS1.1 Universal top plate Cat. No.18900067
Used with tube adapters

**Long Deck Rocking Rotator SK-R30L-E**

Tilt angle: 30±3°

Load capacity: 1kg

Speed range: 0~30rpm

Operation mode: Continuous

Motor type: Brushless DC motor

Power: 15W

Permissible ambient: 5-40°C, 80%RH temperature and humidity

Accessories Information

Cat.No.18202835
Silicone mattress for 16 × 5~10mL
band collection tubes on long
decks (SK-F00L-E/3K-F00L-E)

Cat.No.18202846
Silicone mattress for 6 × 50mL test
tubes on long decks (SK-F00L-E/6
SK-F00L-E)

**LCD Digital Tube Roller MX-T6-Pro**

Amplitude: 24mm

Speed range: 10~70rpm

Shaking movement: Orbital

Time setting range: LCD

Number of rollers: 6

Roller size[length]: 280mm

Rocking motion: Rocking and rolling



LCD display



Timer

Multi-Tube Vortex Mixer DMT-2500

Speed range: 500~2500 rpm

Shaking orbit: 4 mm

Time range: 1S~99 min 59S

Accessories

DMT-B **Description**
Ø12mm foam tube frame
Number of holes
50 holes

DMT-D **Description**
Ø16mm foam tube frame
(15mL tube)
Number of holes
50 holes

DMT-E **Description**
Ø25mm foam tube frame
Number of holes
15 holes

DMT-F **Description**
Ø29mm foam tube frame
(50mL tube)
Number of holes
15 holes

DMT-G **Description**
Ø38mm foam tube frame
(100mL tube)
Number of holes
10 holes



MICROSCOPE

**BS-08030B**

Viewing Head: Inclined Binocular head, 360° Rotatable,
Interpupillary distance 55-75mm

Eyepiece: WF10x/22mm

Objective: 1x-4x

Incident Illumination: Halogen lamp 12V/10W

Transmitted Illumination: Fluorescent 10W

Accessories

- High quality Jewel clamp
- Darkfield working stage
(with Iris diagram)

BestScope



OVEN

**LAS-VD-90**

Display Mode: LCD

Vacuum (pa): 133

Temperature Control Range (°C): RT+10-280

Timing Range (min): 0-9999

Shelves: 3

LACHOI



BIOBASE

Specification	BJPX-HGZ54L	BJPX-HGZ138L
Display	LCD	LCD
Capacity	54L	138L
Temp. Range	RT+10°C ~300°C	RT+10°C ~300°C
Timing Range	0~9999 min/h	0~9999 min/h
Shelves	2 pcs.	3pcs.



Vacuum Drying Oven (LVO Series)

**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

Specification	LVO-6050LC	LVO-6090LC	LVO-6210LC
Temperature Control Range:	RT+10°C~250°C ±1°C	RT+10°C~200°C ±1°C	RT+10°C~200°C ±1°C
Rated Power:	1,400 W	1,600 W	2,200 W
Chamber Capacity:	54 L	91 L	215 L
Chamber Dimension (W×D×H):	420×350×370 mm	450×450×450 mm	560×600×640 mm
Overall Dimension (W×D×H):	700×660×1550 mm	780×760×1630 mm	890×920×1930 mm

Infrared Drying Oven (LIO Series)

**Key Features**

Far-infrared heating radiators
Stainless steel chamber

Specification	LIO-300	LIO-400	LIO-500	LIO-600
Temperature Control Range:	RT+10°C~300°C	RT+10°C~300°C	RT+10°C~300°C	RT+10°C~300°C
Rated Power:	1,400 W	2,000 W	2,800 W	4,000 W
Chamber Capacity:	43 L	81 L	138 L	252 L
Chamber Dimension (W×D×H):	350×350×350 mm	450×400×450 mm	500×500×550 mm	600×600×700 mm
Overall Dimension (W×D×H):	640×500×600 mm	730×530×690 mm	780×690×800 mm	880×730×950 mm

pH METER

700 SERIES WATERPROOF MULTI-FUNCTION PEN TYPE METER

pH • ORP • Conductivity • TDS/Salt • DO • Temperature



7011

pH • ORP • Temperature

7021

Conductivity • TDS • Salt • Temperature

7200

pH • ORP • Conductivity • TDS • Salt • Temperature

7031

DO • Temperature



Optional: Flat pH electrode for 7011 and 7200

PL-700 SERIES BENCH TOP METER

pH • ORP • Conductivity • TDS/Salt • DO • Temperature
with Built-In Stirrer and USB Data Output



PL-700 ALS

PL-700 PCS

PL-700 PDS

PL-700 PVS

PL-700ALS

pH/mV/Cond/DO/Temp/Stirrer

PL-700PCS

pH/mV/Cond/Temp/Stirrer

PL-700PDS

pH/mV/DO/Temp/Stirrer

PL-700PVS

pH/mV/Temp/Stirrer

Pocket Testers



PH1

pH / ORP / TEM

ORP1

ORP / Tem

EC1

Cond / Tem

PC1

pH / ORP / Cond / Tem



High Sensitive Electrode

Ensures accuracy,
quick response and stableness
quick response and stableness

0.01pH
Resolution

±0.1pH
Accuracy

0.00-14.00pH
Measuring Range

Easy 1-3 points Auto. Calibration

Buffer solution: USA and NIST Standards are selectable



BENCHTOP-Classical series 7inches white backlight 450 reading



PH100

pH range : (-2.00 to 20.00pH)

resolution : 0.1/0.01

accuracy : ±0.01pH± one digit

Temp : -9.9~130°C



PCR & GEL ELECTROPHORESIS

Gradient thermal cycle

**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



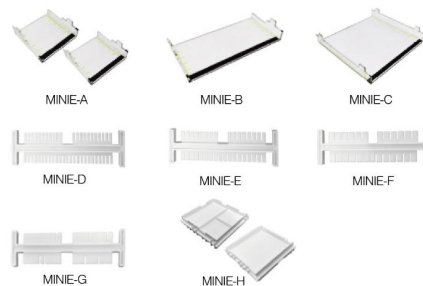
Horizontal Gel electrophoresis

**MINIE-135**

Timing function: 1min~99h59min or continue, with pause function

Capacity: Max. 500 ml

Multi-channel suitability: Suitable for multi-channel pipettor



Cat	Description	Specifications/dimensions	Quantity
MINIE-A	Small size plate for gel	60mm(W)×60mm(L)	2
MINIE-B	Medium size plate for gel	120mm(W)×60mm(L)	1
MINIE-C	big size plate for gel	120mm(W)×120mm(L)	1
MINIE-D	Gel Comb 1	1.0mm thickness 25/11 teeth (Can used multichannel gun to add sample)	4
MINIE-E	Gel Comb 2	1.5mm thickness 18/8 teeth	1
MINIE-F	Gel Comb 3	1.5mm thickness 13/6 teeth	1
MINIE-G	Gel Comb 4	2.0mm thickness 3/2 teeth	1
MINIE-H	Base for gel making (double)	139mm(W)×138mm(L)×36mm(H)	1

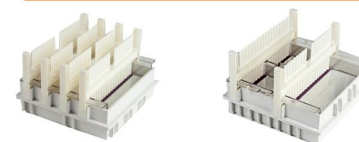
Horizontal electrophoresis

**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



Vertical electrophoresis

**JY-SCZ2+**

Gel size (W x L): 82 x 88 (mm)

Glass plate size (W x L): 100 x 100 (mm)

No. of samples: 11~ 30

Total buffer volume: 750 ml



Basic power supply

**JY-300**

Type of Output: Constant-Voltage, Current

Output range: 5~300V, 1~300mA, maximum 90W

Increment: 1V, 1mA

Timer Range: 1min~9hr, 59min

Display: LED

Output jacks: Two sets of output jacks

SINGLE-UNIT ROTARY EVAPORATOR

- ✓ 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.

**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

Model

User Interface:
Built-In Vacuum Controller:
Solvents Library:
Gradient Distillation:

EV400

Manual Knob with LCD

✗

✗

✗

EV400Touch

Color Touch Display

✗

✗

✗

EV400VAC

Color Touch Display

✓ Included

✓ Included

✓ Included

**RE100-Pro**

Speed Range: 20–280rpm

Heating Temperature Range:
Room temp. to 180 °C

Time Setting Range: 1–999min

Evaporation capacity: Max. 1.56L/h(H₂O)

Display: LCD(speed, temperature, time)

**ONILAB**Condenser (cooling surface 1700 cm²)

Double spring PTFE sealing ring

Ejection mechanism

Clockwise & Anticlockwise

Automatic motor lift

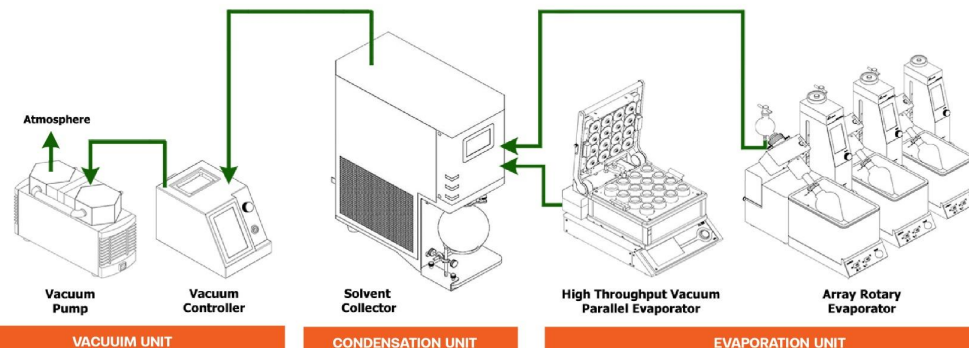
Large LCD display

Water/oil heating mode

MULTI-SAMPLE CONCENTRATION SYSTEM

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

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

MULTI-SAMPLE CONCENTRATION SYSTEM

CONDENSATION UNIT
Solvent Collector

A single, efficient condensation unit
Patented two-stage direct recovery of solvent vapor
Vapor-contacting parts are made of anti-corrosive materials
No need for external cooling fluid and glass condenser

**eSR220s**

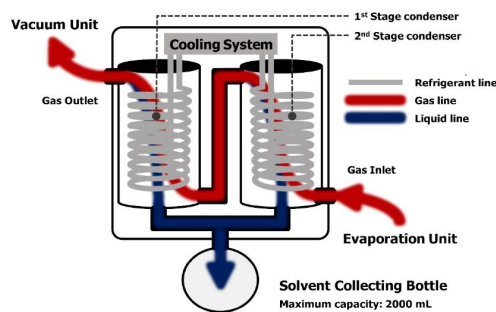
Condensing Pipeline Material: Chlorine-resistant alloy

Refrigerant: R404

Operating Temperature: -20°C

Rated Power: 500 W

Overall Dimension (W×D×H): 240×510×660 mm



VACUUM UNIT



High Performance Diaphragm Vacuum Pump

Pointer vacuum gauge
with a precision hand-tightened
control valve

eV35s

Material: PTFE pump head & diaphragm

Pump Capacity: 34 L/min @8mbar

Rated Power: 245 W

Dimension (W×D×H): 170×350×350 mm

Vacuum Controller

Designed to support
4-5 units of miniRotar500s
with vacuum setting accuracy at 1 mbar

eC35s

Material: PEEK, PTFE, FFKM, PFA

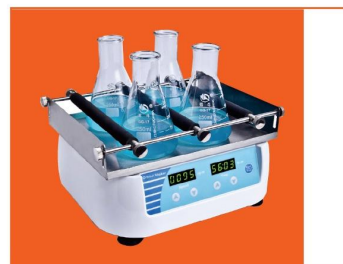
Vacuum Control Range: 10-1050 mbar ±2 mbar

Rated Power: 50 W

Dimension (W×D×H): 160×240×170 mm



SHAKERS



Specification	GS-10	GS-20	GS-30
Speed range:	50~350 rpm	50~300 rpm	50~250 rpm
Shaking orbit:	10 mm	20 mm	30 mm
Time range:	1 min~99 h 59min		
Option platform:	UP-12, P12-100, P6-250 and PW-260		



Adjustable Bar Platform UP-12



Flask Platform P12-100



Flask Platform P6-250



Universal platform with springs PW-260

**SK-L180-Pro**

Display : LCD

Max.load: 2.5kg

Time range: 1 min-99h59min

Shaking mode: Multifunctional Linear
Decolorizing Shaker

Speed Range (rpm): 100-350rpm

Standard



Cat No.18900027

**SK-O180-Pro**

Display : LCD

Max.load: 2.5kg

Time range: 1 min-99h59min

Shaking mode: Orbital Decolorizing
Shaker

Speed Range (rpm): 100-800rpm

**HZ-300**

Display : LED

Time range: 0-999min

Shaking mode: Orbital Shaker

Speed Range (rpm): 40-300rpm

Standard



250 ml X 20 PCS

SPECTROPHOTOMETER

- 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

4 LED

Wavelength
control knob

LCD (128×64 dots)



7" Touch LCD



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: $\pm 0.5\%$ T / 0.2% T
 Photometric Mode: T, A, E, C
 Stray Light: $\leq 0.1\%$ T (360 nm NaNO₂)
 Overall Dimension (W×D×H): 360×280×190 mm

V-1500PC/V-1500CPC/UV-1500PC/UV-1500CPC

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: $\pm 0.3\%$ T / 0.1% T
 Photometric Mode: T, A, E, C
 Stray Light: $\leq 0.05\%$ T (360 nm NaNO₂)
 Stability and Baseline Flatness: 0.001 A/h at 500 nm, ± 0.001 A
 Overall Dimension (W×D×H): 480×350×220 mm

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

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

10" Touch LCD



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

UV-VIS Spectrophotometer



Standard function: Photometry and Quantitation
 Optimal function: Wavelength Scanning Kinetics, Multi-wavelength and DNA/protein



Powerful functions: Photometry, Quantitation, Wavelength Scanning, Kinetic,
 Multi-wavelength and DNA/Protein detection

V-1500PC/V-1500CPC/UV-1500PC/UV-1500CPC

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: $\pm 0.3\%$ T / 0.1% T
 Photometric Mode: T, A, E, C
 Stray Light: $\leq 0.05\%$ T (220 nm NaI, 360 nm NaNO₂)
 Stability and Baseline Flatness: 0.001 A/h at 500 nm, ± 0.001 A
 Overall Dimension (W×D×H): 560×450×230 mm

Model	SP-V1100	SP-UV1100
Optical system:	Single Beam	
Spectral Bandwidth:	2.0nm	
Wavelength Range:	320-1100nm	190-1100nm
Wavelength accuracy:	± 0.5 nm	
Wavelength repeatability:	≤ 0.3 nm	
Sample room:	Manual 4-position 1cm holder	
Display:	LCD	

Model	SP-UV2101	SP-UV3102
Optical system:	Single Beam	Double Beam
Spectral Bandwidth:	1nm	1nm
Wavelength Range:	190-1100 nm	
Wavelength accuracy:	± 0.1 nm@656.1nm, ± 0.3 nm@all	
Wavelength repeatability:	≤ 0.1 nm	
Wavelength Setting:	Auto	
Display:	10.1" TFT Colored Capacitive Touch Screen	

THERMAL SHAKER AND MICROPLATE



DKT200-1
Temp.Control Range:
R.T.+5°C~150°C
Time Range:
1min~99h59min
Heating Speed:
≤30min(20°C to 150°C)
Sample Capacity:
1 standard blocks

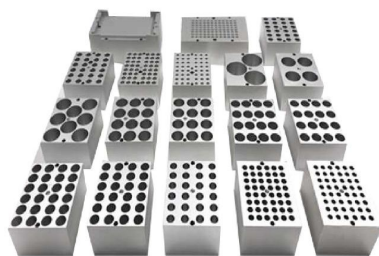


DKT200-1
Temp.Control Range:
R.T.+5°C~150°C
Time Range:
1min~99h59min
Heating Speed:
≤30min(20°C to 150°C)
Sample Capacity:
2 standard blocks

Cat#	Spec	Dia. of hole	Hole bottom shape	Block dimension
DT01	6 mm x 42	6.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT02	7 mm x 42	7.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT03	10 mm x 20	10.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT04	12 mm x 20	12.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT05	13 mm x 20	13.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT06	15 mm x 12(7ml Centrifuge tube)	15.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT07	16 mm x 12(10ml/15ml Centrifuge tube)	16.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT08	19 mm x 12	19.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT09	20 mm x 6	20.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT10	26 mm x 6	26.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT11	28 mm x 4(50ml Centrifuge tube)	28.5 mm	Flat bottom	95.5 x 76.5 x 50 mm
DT12	40 mm x 2	40.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT13	0.5 ml x 42	8 mm	Cone bottom	95.5 x 76.5 x 50 mm
DT14	1.5 ml x 24	10.8 mm	Cone bottom	95.5 x 76.5 x 50 mm
DT15	2.0 ml x 24	10.8 mm	Round bottom	95.5 x 76.5 x 50 mm
DT16	0.2 ml x 48	6.1 mm	Cone bottom	95.5 x 76.5 x 50 mm
DT19	Customized	Customized	Customized	Customized



DKT200-1N
Temp.Control Range:
R.T.+5°C~150°C
Time Range:
1min~99h59min
Heating Speed:
≤15min(20°C~150°C)
Sample Capacity:
1 standard block



DKT200-2D
Temp.Control Range:
R.T.+5°C~150°C
Time Range:
1min~99h59min
Heating Speed:
≤30min(20°C to 150°C)
Sample Capacity:
2 standard block
(Independent temp. control)



DKT200-2N
Temp.Control Range:
R.T.+5°C~150°C
Time Range:
1min~99h59min
Heating Speed:
≤30min(20°C to 150°C)
Sample Capacity:
2 standard block



Model	MTH-100	MTC-100
Temperature range	R.T.+5 °C~100 °C	0 °C~100 °C
Speed range	300~2000 rpm	300~2000 rpm
Shaking Orbit	3 mm (Horizontal)	3 mm (Horizontal)
Time	1 min~99h 59min	1 min~99h 59min
Block capacity	1 standard block	1 standard 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



- Low profile - space saving design
- The max heating temperature is 120°C (HB120-S), and the timer function support available
- Discrete heating temperature levels: 25 °C, 30°C, 37 °C, 45 °C
- 5mL×30+10mL×8 dual purpose heating block

HB120-S
Temperature range: Room temp+5-120
Temperature Setting range°C: 15-120
Temperature control accuracy°C: ±0.5
Display: LED
Block capacity 1 standard block

HB120-S (Standard:151×95×50mm)

Block types						
Capacity	0.2 ml x 54	0.5 ml x 40	1.5 ml x 40	2 ml x 40	2 ml x 60 Ampoules tubes	5/15mlx28
Diameter×depth	6.4 ml x 15mm	8.2 ml x 26.4mm	11 x 34.7mm	11 x 34.7mm	12 x 37mm	17 x 48mm

ULTRASONIC CLEANERS

- ✓ **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

MH | Mechanical-Heated



DS | Degas-Sweep



P | Multi-functional



MODEL

MH | Mechanical-Heated

DS | Degas-Sweep

P | Multi-functional

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

37 kHz

37kHz

Function:

✗ Degas

✗ Sweep

✓ Degas

✓ Sweep

✓ Degas

✓ Sweep

✗ Pulse

✗ Power

✗ Pulse

✗ Power

✓ Pulse

✓ 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-#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

VACUUM PUMP

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.

GM-0.5B(I) Ordinary



GM-0.5B(II) Anti-Corrosive



GM-0.5BF Anti-Corrosive



MODEL

Diaphragm Valves:

GM-0.5B(I) Ordinary

NBR

GM-0.5B(II) Anti-Corrosive

PTFE-NBR

GM-0.5BF Anti-Corrosive

PTFE-NBR

Number of Pump Head:

2

2

2

Pump Capacity:

30 L/min

30 L/min

30 L/min

Vacuum Pressure:

50 mbar

50 mbar

30 mbar

Motor Power:

160 W (1/5 hp)

160 W (1/5 hp)

160 W (1/5 hp)

Working Temperature:

7°C~40°C

7°C~40°C

7°C~40°C

Overall dimension (L×W×H):

410×230×350 mm

410×230×350 mm

410×230×350 mm

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



Lachoi circulating water vacuum pump



LCH-VWP-60A

Ultimate Pressure(mbar) :

-0.098 mbar

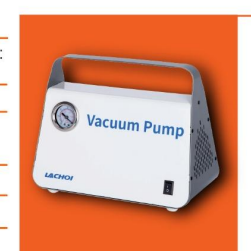
Power : 180W

Display Mode :

Pressure gage*2

Flow : 60 L/min

Maximum Capacity : 9L



LCH-GMP-15

Display Mode: Pressure gage

Ultimate Pressure (mbar): -0.085

Positive Pressure (mPa): 0.2

Pumping Speed (L/min): 15

Pump Heads: 2

WATER BATH

- Stainless steel (SUS304) inner & lid ring (Blue plastic ring is optional)

- Digital display (LED)

Digital Thermostatic water Baths

Ambient+5 to 99.9°C

HH-S1

Volume	Holes	Temperature range
3L	1 holes	Ambient+5 to 99 °C

Temperature accuracy	Working area	Heating power
±1 °C	15cm*15cm*13cm	300W



HH-S2

Volume	Holes	Temperature range
6.5L	2 holes	Ambient+5 to 99 °C

Temperature accuracy	Working area	Heating power
±1 °C	30cm*15cm*15cm	500W



HH-S4

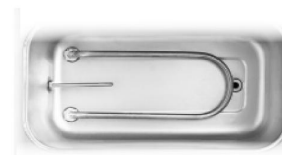
Volume	Holes	Temperature range
13.5L	4 holes	Ambient+5 to 99 °C

Temperature accuracy	Working area	Heating power
±1 °C	30cm*30cm*15cm	1200W

HH-S6

Volume	Holes	Temperature range
22.5L	6 holes	Ambient+5 to 99 °C

Temperature accuracy	Working area	Heating power
±1 °C	50cm*30cm*15cm	1500W



HH-S8

Volume	Holes	Temperature range
25.5L	8 holes	Ambient+5 to 99 °C

Temperature accuracy	Working area	Heating power
±1 °C	62cm*32cm*13cm	1800W



LCH-OB-0.8L

Max Stirring Volume (L) : 0.8L

Both water and Oil bath

Temp Range : RT-300°C

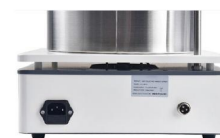
Display Mode : LED

The pot body is stamped with 304 stainless steel

LACHOI



Heating tube
Heating fast heating, efficient heating tube



Power switch
Back power switch- sensor port



Operation panel
LED digital display panel, knob speed regulation



CONSUMABLE



LABFILM-Technical Datasheet

A flexible sealing film composed of a proprietary blend of waxes and polyolefins, laminated to a paper release liner.



Description

Product Codes: H-01

Film Size: 10 cm * 38 m (4 IN. X 125 FT)

Boxes Per Case: 12

Box Size: 15*13.5*12.5 cm

Carton Size: 40*32*30 cm

Carton Weight: 9.6 kg

Features

LABFILM demonstrates exceptional resistance to water, moisture loss, and humidity uptake, while maintaining selective permeability to oxygen and carbon dioxide uptake. With an elongation capacity exceeding 500% and intrinsic self-sealing characteristics, it conforms effectively to irregular surfaces and complex geometries. Each box is equipped with a cutter for user-friendly and accurate dispensing. These advanced material properties make **LABFILM** particularly well-suited for securely sealing and protecting laboratory vessels-including test tubes, flasks, beakers, and Petri dishes-and for providing secondary containment over caps, and stoppers.

Syringe Filter



Non-sterile Hydrophobic PTFE Syringe Filter

filter type	Description	Packing
 RED	FBS13PTFE022H 0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13PTFE045H 0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25PTFE022H 0.22(μm):.25(mm)	100 (pcs/pk)
	FBS25PTFE045H 0.45(μm):.25(mm)	100 (pcs/pk)
	FBS30PTFE022H 0.22(μm):.30(mm)	100 (pcs/pk)
	FBS30PTFE045H 0.45(μm):.30(mm)	100 (pcs/pk)

Non-sterile Nylon Syringe Filter

filter type	Description	Packing
 BLUE	FBS13NY022 0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13NY045 0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25NY022 0.22(μm):.25(mm)	100 (pcs/pk)
	FBS25NY045 0.45(μm):.25(mm)	100 (pcs/pk)
	FBS30NY022 0.22(μm):.30(mm)	100 (pcs/pk)
	FBS30NY045 0.45(μm):.30(mm)	100 (pcs/pk)

Non-sterile Hydrophobic PVDF Syringe Filter

filter type	Description	Packing
 YELLOW	FBS13PVDF022H 0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13PVDF045H 0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25PVDF022H 0.22(μm):.25(mm)	100 (pcs/pk)
	FBS25PVDF045H 0.45(μm):.25(mm)	100 (pcs/pk)
	FBS30PVDF022H 0.22(μm):.30(mm)	100 (pcs/pk)
	FBS30PVDF045H 0.45(μm):.30(mm)	100 (pcs/pk)

Non-sterile PES Syringe Filter (Dark Green)

filter type	Description	Packing
 DARK GREEN	FBS13PES022 0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13PES045 0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25PES022 0.22(μm):.25(mm)	100 (pcs/pk)
	FBS25PES045 0.45(μm):.25(mm)	100 (pcs/pk)
	FBS30PES022 0.22(μm):.30(mm)	100 (pcs/pk)
	FBS30PES045 0.45(μm):.30(mm)	100 (pcs/pk)

Non-sterile Hydrophilic PTFE Syringe Filter

filter type	Description	Packing
 RED	FBS13PTFE022L 0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13PTFE045L 0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25PTFE022L 0.22(μm):.25(mm)	100 (pcs/pk)
	FBS25PTFE045L 0.45(μm):.25(mm)	100 (pcs/pk)
	FBS30PTFE022L 0.22(μm):.30(mm)	100 (pcs/pk)
	FBS30PTFE045L 0.45(μm):.30(mm)	100 (pcs/pk)

Non-sterile Hydrophilic PVDF Syringe Filter

filter type	Description	Packing
 ORANGE	FBS13CA022 0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13CA045 0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25CA022 0.22(μm):.25(mm)	100 (pcs/pk)
	FBS25CA045 0.45(μm):.25(mm)	100 (pcs/pk)
	FBS30CA022 0.22(μm):.30(mm)	100 (pcs/pk)
	FBS30CA045 0.45(μm):.30(mm)	100 (pcs/pk)

Non-sterile Hydrophilic PVDF Syringe Filter

filter type	Description	Packing
 YELLOW	FBS13PVDF022L 0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13PVDF045L 0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25PVDF022L 0.22(μm):.25(mm)	100 (pcs/pk)
	FBS25PVDF045L 0.45(μm):.25(mm)	100 (pcs/pk)
	FBS30PVDF022L 0.22(μm):.30(mm)	100 (pcs/pk)
	FBS30PVDF045L 0.45(μm):.30(mm)	100 (pcs/pk)

Non-sterile MCE Syringe Filter

filter type	Description	Packing
 LIGHT GREEN	FBS13MCE022 0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13MCE045 0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25MCE022 0.22(μm):.25(mm)	100 (pcs/pk)
	FBS25MCE045 0.45(μm):.25(mm)	100 (pcs/pk)
	FBS30MCE022 0.22(μm):.30(mm)	100 (pcs/pk)
	FBS30MCE045 0.45(μm):.30(mm)	100 (pcs/pk)



Sterile Hydrophobic PTFE Syringe Filter

	Filter type	Description	Packing
 RED	FBS13PTFE022HS	0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13PTFE045HS	0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25PTFE022HS	0.22(μm):.25(mm)	50 (pcs/pk)
	FBS25PTFE045HS	0.45(μm):.25(mm)	50 (pcs/pk)
	FBS30PTFE022HS	0.22(μm):.30(mm)	50 (pcs/pk)
	FBS30PTFE045HS	0.45(μm):.30(mm)	50 (pcs/pk)

Sterile Nylon Syringe Filter

	Filter type	Description	Packing
 BLUE	FBS13NY022S	0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13NY045S	0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25NY022S	0.22(μm):.25(mm)	50 (pcs/pk)
	FBS25NY045S	0.45(μm):.25(mm)	50 (pcs/pk)
	FBS30NY022S	0.22(μm):.30(mm)	50 (pcs/pk)
	FBS30NY045S	0.45(μm):.30(mm)	50 (pcs/pk)

Sterile Hydrophobic PVDF Syringe Filter

	Filter type	Description	Packing
 YELLOW	FBS13PVDF022HS	0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13PVDF045HS	0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25PVDF022HS	0.22(μm):.25(mm)	50 (pcs/pk)
	FBS25PVDF045HS	0.45(μm):.25(mm)	50 (pcs/pk)
	FBS30PVDF022HS	0.22(μm):.30(mm)	50 (pcs/pk)
	FBS30PVDF045HS	0.45(μm):.30(mm)	50 (pcs/pk)

Sterile PES Syringe Filter

	Filter type	Description	Packing
 DARK GREEN	FBS13PES022S	0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13PES045S	0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25PES022S	0.22(μm):.25(mm)	50 (pcs/pk)
	FBS25PES045S	0.45(μm):.25(mm)	50 (pcs/pk)
	FBS30PES022S	0.22(μm):.30(mm)	50 (pcs/pk)
	FBS30PES045S	0.45(μm):.30(mm)	50 (pcs/pk)

Non-Sterile MCE Syringe Filter

Filter FilterBio 50mm syringe filter is a sterilizing filter for aqueous solutions and venting. It removes microorganisms, particles, precipitates, and undissolved powders larger than n



Filter type	Pore size (μm)	Diameter
PTFE		
PVDF	0.22	50
PES	0.45	
NY		

Sterile Hydrophilic PTFE Syringe Filter

	Filter type	Description	Packing
 RED	FBS13PTFE022LS	0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13PTFE045LS	0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25PTFE022LS	0.22(μm):.25(mm)	50 (pcs/pk)
	FBS25PTFE045LS	0.45(μm):.25(mm)	50 (pcs/pk)
	FBS30PTFE022LS	0.22(μm):.30(mm)	50 (pcs/pk)
	FBS30PTFE045LS	0.45(μm):.30(mm)	50 (pcs/pk)

Sterile CA Syringe Filter

	Filter type	Description	Packing
 ORANGE	FBS13CA022S	0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13CA045S	0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25CA022S	0.22(μm):.25(mm)	50 (pcs/pk)
	FBS25CA045S	0.45(μm):.25(mm)	50 (pcs/pk)
	FBS30CA022S	0.22(μm):.30(mm)	50 (pcs/pk)
	FBS30CA045S	0.45(μm):.30(mm)	50 (pcs/pk)

Sterile Hydrophilic PVDF Syringe Filter

	Filter type	Description	Packing
 YELLOW	FBS13PVDF022LS	0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13PVDF045LS	0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25PVDF022LS	0.22(μm):.25(mm)	50 (pcs/pk)
	FBS25PVDF045LS	0.45(μm):.25(mm)	50 (pcs/pk)
	FBS30PVDF022LS	0.22(μm):.30(mm)	50 (pcs/pk)
	FBS30PVDF045LS	0.45(μm):.30(mm)	50 (pcs/pk)

Sterile MCE Syringe Filter

	Filter type	Description	Packing
 LIGHT GREEN	FBS13MCE022S	0.22(μm):.13(mm)	100 (pcs/pk)
	FBS13MCE045S	0.45(μm):.13(mm)	100 (pcs/pk)
	FBS25MCE022S	0.22(μm):.25(mm)	50 (pcs/pk)
	FBS25MCE045S	0.45(μm):.25(mm)	50 (pcs/pk)
	FBS30MCE022S	0.22(μm):.30(mm)	50 (pcs/pk)
	FBS30MCE045S	0.45(μm):.30(mm)	50 (pcs/pk)

MEMBRAND FILTER

FILTER-BIO

Membrand Filter type	Pore size (μm)	Diameter
Nylon		
PTFE		
RC		
CA	0.22	13
CN	0.45	25
MCE	0.8	37
PES		47
PVDF		50
PP		90
GF	1.2	142
	0.7	
	1	
	1.6	



BioSCAN

Autoclavable Eppendorf

Model	Description	Packing
 BS-X433-White	10 uL	1000 pcs/pk
BS-X434-Yellow	200 uL	1000 pcs/pk
BS-X436-Blue	1000 uL	1000 pcs/pk

Autoclavable Gilson/Finland

Model	Description	Packing
 BS-X437-White	10 uL	1000 pcs/pk
BS-X439-Yellow	200 uL	1000 pcs/pk
BS-X440-Blue	1000 uL	1000 pcs/pk

Graduated Tube (PP) Autoclavable

Model	Description	Packing
 BS-X417	1.5 mL	500 pcs/pk
BS-X411	2 mL	500 pcs/pk
BS-X412	5 mL	300 pcs/pk

Pipette Tip

Model	Description	Packing
 BS-X460	5 mL	200 pcs/pk
BS-X461	10 mL	200 pcs/pk

(PP) Autoclavable (Multi-Fuction Centrifuge)

Model	Description
 BS-X-626-1	15 mL x 30,50 mL x 20

Plastic Cuvette (PS), Non-Sterile

Model	Description
 BS-X100-2.5	2.5 mL (100 pcs/box)

**Tip Box (PP) Autoclavable**

Model	Description
BS-X614	200 uL x 96well

**Tip Box (PP) Autoclavable**

Model	Description
BS-X617	5 uL x 28well

**Centrifuge Tube Box**

Model	Description
BS-X620-2	1.5 ml x 100well
BS-X620-3	5 ml x 32well

**Economy Wash Bottles LDPE**

Model	Description
2401-0125	125 mL
2401-0250	250 mL
2401-0500	500 mL
2401-1000	1000 mL

**Color- Coded Wash bottle**

Model	Description
2422-2500	Yellow,LDPE,500 mL
2422-3500	Blue,LDPE,500 mL
2422-4500	Green,LDPE,500 mL
2422-5500	Red,LDPE,500 mL

**Bottle Top Fitters,psf**

Model	Description
DS0320-2545	250 mL,Fits 47 mm
DS0320-5045	500 mL,Fits 47 mm

**Tip Box (PP) Autoclavable**

Model	Description
BS-X615	10 uL x 96well

**Tip Box (PP) Autoclavable**

Model	Description
BS-X616	1,000 uL x 100well

**Conical Centrifuge Tube**

Model	Description
339651	15 mL ,PP, 25/rack
339650	15 mL ,PP, 50/pk
339653	50 mL ,PP, 25/rack
339652	50 mL ,PP, 25/pk

NALGENE**Right-To-Know Safety Wash Bottles**

Model	Description
2425-0501	Wash bottle(Acetone)/500 mL
2425-0502	Wash bottle(Ethyl Alcohol)/500 mL
2425-0503	Wash bottle(Methanol)/500 mL
2425-0504	Wash bottle(Isopropanol)/500 mL

**Oak Ridge Centrifuge Tube**

Model	Description
3119-0010	10mL,PPCO, 10/pk
3119-0030	30mL,PPCO, 10/pk
3119-0050	50mL,PPCO, 10/pk
3114-0010	10mL,Teffon(FEP), 2/pk
3114-0030	30mL,Teffon(FEP), 2/pk
3114-0050	50mL,Teffon(FEP), 2/pk

**Carboy With Spigot**

Model	Description
8318-0020	10L,LDPE
8318-0050	20L,LDPE
8318-0130	50L,LDPE

**CryoBox**

Model	Description
5025-0505	1.2/2.0 mL,5x5 Array,PC
5026-0909	1.2/2.0 mL,9x9 Array,PC

**Four-Way Rack.**

Model	Description
91100	Tube rack 4 way Assort 5 color,5/pk

**Combined Pipette Rack**

Model	Description
BS-X601	30.5 x 14.5 x 4 cm

**Code PDMQ-9015****Sterilized Petri Dish Plastic**

Description: Sterilized Petri Dish, Polystyrene
Dimension (dia x H, mm): ø90 X 15
Weight(g): 14.0
Packaging: Plastic/paper pouch bag
500 pairs (10 pairs/bag)

- Using Ethylene Oxide (EO) sterilization at density 1 kg/m³
- Three-point venting design to prevent media condensation
- Non-autoclavable
- Thermal stability: maximum at 85°C, brittleness at -20°C

**Code PDB9015****Sterilized Petri Dish Plastic**

Description: Sterilized Petri Dish, Polystyrene
Dimension (dia x H, mm): ø90 X 15
Weight(g): 17.5
Packaging: Plastic/paper pouch bag
500 pairs (10 pairs/bag)

- Using Ethylene Oxide (EO) sterilization at density 1 kg/m³
- Three-point venting design to prevent media condensation
- Non-autoclavable
- Thermal stability: maximum at 85°C, brittleness at -20°C

**Code PDB6015****Sterilized Petri Dish Plastic**

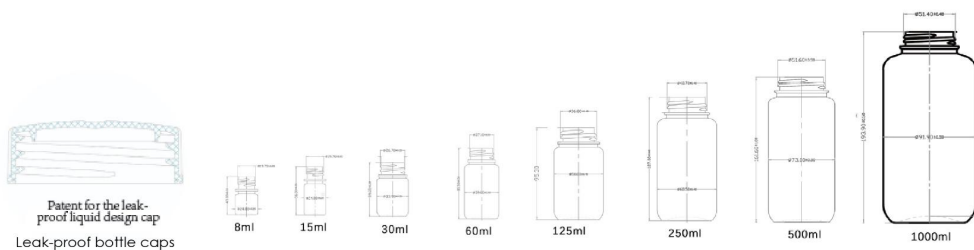
Description: Sterilized Petri Dish, Polystyrene
Dimension (dia x H, mm): ø60 X 15
Packaging: Normal plastic pouch bag
1,000 pairs (10 pairs/bag)

- Using Ethylene Oxide (EO) sterilization at density 1 kg/m³
- Three-point venting design to prevent media condensation
- Non-autoclavable
- Thermal stability: maximum at 85°C, brittleness at -20°C



Wide mouth reagent bottles series

- Reagent bottles are made of high-quality polypropylene PP /high density polyethylene HDPE raw material.
- A complete range of 8ml, 15ml, 30ml, 60ml, 125ml, 250ml, 500ml, 1000ml transparent, native white and brown.
- Professional leak-proof bottle mouth design.
- PP high temperature resistance of 121 °C and HDPE low temperature resistance -40 °C.


**PP series wide mouth reagent bottles**

- Available in transparent and brown.
- Leak-proof design.
- Uniform wall thickness without wall hangings.
- Quality construction.
- Natural PP.

**HDPE series wide mouth reagent bottles**

- Available in white and brown.
- Leak-proof design.
- Uniform wall thickness without wall hangings.
- Quality construction.
- Natural HDPE.

**Narrow Mouth Reagent Bottle series**

- High quality construction for lighter weight.
- Reagent bottles are made of imported pure PP / HDPE material.
- A complete range of 30ml, 60ml, 125ml, 250ml, 500ml, 1000ml transparent, native white and brown.
- Professional leak-proof bottle mouth design.
- Uniform wall thickness without wall hangings.
- PP high temperature resistance of 121°C and HDPE low temperature resistance -40°C.

**PP series narrow mouth reagent bottles**

- Available in transparent and brown.
- Narrow mouth for easy pouring of liquids and to avoid volatilisation of reagents.
- Brown reagent bottles are selected with special brown masterbatches for storing photosensitive substances.
- Excellent chemical resistance to most acids, alkalis and alcohols.
- Autoclavable in PP.

**HDPE series narrow mouth reagent bottles**

- Available in transparent and brown.
- Narrow mouth for easy pouring of liquids and to avoid volatilisation of reagents.
- Brown reagent bottles are selected with special brown masterbatches for storing photosensitive substances.
- Excellent chemical resistance to most acids, alkalis and alcohols.



GLASSWARE

Test Tube /Test Tube Screw Cap

Model	Description
077-02-001	BORO 3.3 10X75mm-100/Box
077-02-003	BORO 3.3 13X100mm-100/Box
077-02-004	BORO 3.3 16X100mm-100/Box
077-02-005	BORO 3.3 16X160mm-100/Box
077-03-001	SCREW CAP 16X100mm-100/Box
077-03-002	SCREW CAP 16X160mm-100/Box

Funnel Glass

Model	Description
077-02-001	041-01-040
077-02-003	041-01-060
077-02-004	041-01-080
077-02-005	041-01-100
077-03-001	041-01-120
077-03-002	041-01-150

Volumetric FLASK-Clear

Model	Description
013-01-005	5 mL NS 10/19
013-01-010	10mL NS 10/19
013-01-020	20 mL NS 10/19
013-01-025	25 mL NS 10/19
013-01-050	50 mL NS 12/21
013-01-101	100 mL NS 14/23
013-01-200	200 mL NS 14/23
013-01-250	250 mL NS 14/23
013-01-500	500 mL NS 19/26
013-01-901	1000 mL NS 24/29
013-01-902	2000 mL NS 29/32

Measuring Cylinder

Model	Description
015-01-005	5 mL
015-01-010	10 mL
015-01-025	25 mL
015-01-050	50 mL
015-01-100	100 mL
015-01-250	250 mL
015-01-500	500 mL
015-01-901	1000 mL
015-01-902	2000 mL

Burette Clear Pfe Stopcock

Model	Description
017-02-010	10 mL
017-02-025	25mL
017-02-050	50 mL

Erlenmeyer Flask Narrow Neck

Model	Description
027-01-025	25 mL
027-01-050	50 mL
027-01-100	100 mL
027-01-250	250 mL
027-01-500	500 mL
027-01-901	1000 mL
027-01-902	2000 mL

Beaker Glass Low Form

Model	Description
025-01-010	10 mL
025-01-025	25 mL
025-01-050	50 mL
025-01-100	100 mL
025-01-150	150 mL
025-01-250	250 mL
025-01-400	400 mL
025-01-600	600 mL
025-01-901	1000 mL
025-01-902	2000 mL

Pipette-Volumetric

Model	Description
021-05-001	1 mL
021-05-002	2 mL
021-05-003	3 mL
021-05-004	4 mL
021-05-005	5 mL
021-05-010	10 mL
021-05-015	15 mL
021-05-020	20 mL
021-05-025	25 mL
021-05-050	50 mL

Pipette- Graduated

Model	Description
021-01-001	1 mL
021-01-002	2 mL
021-01-005	5 mL
021-01-010	10 mL
021-01-025	25 mL
021-01-050	50 mL

Desiccator-Vacuum

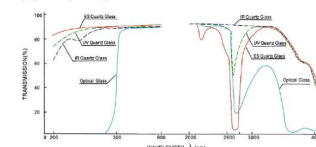
Model	Description
039-02-200	200 mm
039-02-250	250 mm
039-02-300	300 mm

Pasteur Pipette Glass

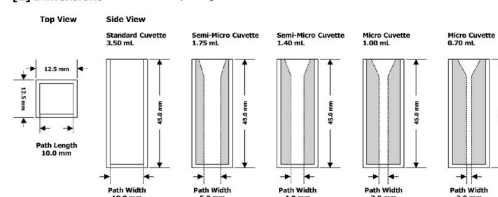
Model	Description
084-01-001	145mm,250/box

Cuvette for Spectrophotometer

[1] Transparency windows



[2] Dimensions



การพิจารณารายละเอียดคุณลักษณะของคิวเวทที่เบื้องต้นให้เหมาะสำหรับการใช้งาน

มาตรฐานผลิตภัณฑ์	ระยะทางที่แสงส่องผ่าน	การใช้งาน	หมายเหตุ
กว้าง (W) = 12.5 มิลลิเมตร	Pathlength = 10.0 มิลลิเมตร	วัดค่าการดูดกลืนแสงในช่วง UV-Visible อินฟราเรด?	มีค่าขีดให้เลือกลองชนิด ใดก็ได้
ลึก (D) = 12.5 มิลลิเมตร		วัดค่าการเรืองแสงฟลูออเรสเซนซ์?	ฝาปิดพลาสติก สลักที่ใช้จับหนีไป และฝาปิดชนิดเพียทอน (PTFE) ทนสารเคมี
สูง (H) = 45.0 มิลลิเมตร			

ประเภทของคิวเวท

วัสดุ	Optical glass:	เหมาะสำหรับวัดสารตัวอย่างในช่วง Vis	พิจารณา ช่วงปริมาณการดูดกลืนแสงคิวเวท ให้สัมพันธ์กับปริมาณการดูดกลืนแสงตัวอย่าง ไม่เกินการดูดกลืนแสงคิวเวท
	ES quartz:	เหมาะสำหรับวัดสารตัวอย่างในช่วง UV/Vis	ด้านที่ดูดกลืนแสงน้อยที่สุดเพื่อลดการรบกวนจากแสงเล็ดลอด (stray light)
	IR quartz:	เหมาะสำหรับวัดสารตัวอย่างในช่วง UV/Vis/IR	เพิ่มความถูกต้อง ความแม่นยำ และความสม่ำเสมอในการวัดสารตัวอย่างประมาณน้อยๆ
ด้านข้าง	Black wall:	ใช้ด้านข้างป้องกันแสงรบกวนจากห้องบรรจุสาร	จับกับคิวเวทขนาดเล็ก Micro และ Semi-Micro
	Frosted wall:	ใช้ด้านข้างป้องกันแสงรบกวนจากห้องบรรจุสาร	
ช่วงปริมาตร	Standard:	1.40-3.50 มิลลิลิตร	
	Semi-Micro:	0.70-3.50 มิลลิลิตร	
	Micro:	0.10-0.70 มิลลิลิตร	

Standard Cuvette 10.0 mm Pathwidth 3.50 mL Plastic lid model-4	Standard Cuvette 10.0 mm Pathwidth 3.50 mL PTFE stopper model-114	Semi-Micro Cuvette 5.0 mm Pathwidth 1.75 mL Plastic lid Black wall model-144	Semi-Micro Cuvette 4.0 mm Pathwidth 1.40 mL Plastic lid Black wall model-24
Semi-Micro Cuvette 4.0 mm Pathwidth 1.40 mL Plastic lid Frosted wall model-204	Micro Cuvette 3.0 mm Pathwidth 1.00 mL Plastic lid Black wall model-134	Micro Cuvette 3.0 mm Pathwidth 1.00 mL Plastic lid Frosted wall model-254	Micro Cuvette 2.0 mm Pathwidth 0.70 mL Plastic lid Black wall model-24
Micro Cuvette 2.0 mm Pathwidth 0.70 mL Plastic lid Frosted wall model-244	Standard Fluorescence Cuvette 10.0 mm Pathwidth 3.50 mL Plastic lid model-204	Micro Fluorescence Cuvette 3.0 mm Pathwidth 1.00 mL Plastic lid model-254	Micro Fluorescence Cuvette 3.0 mm Pathwidth 1.00 mL PTFE stopper model-674

G series	Material	UV	VIS	NIR	Spectral Transmission
Q series	Optical glass				350-800 nm Visible region
I series	ES quartz				190-800 nm UV-Visible region
	IR quartz				350-3000 nm UV-Visible-NIR region
	PS (Polystyrene)				350-800 nm
	PMMA (Polyacrylic)				280-800 nm

Cuvette matching... >80% T ± 1.5% T at 200 nm

Less concern as improved production/finishing techniques
Proper handling is key oil in fingerprints is UV absorber!

[3] Caps

Standard PE (Polyethylene)
Chemical-resistant PTFE (Teflon)

[4] Walls

Stray light observed in micro/semi-micro cuvettes:
↑ Incident light to reflect back toward the light source
↓ Measurement accuracy

To reduce stray light, the incident light is:

...scattered within the **Frosted walls**

...absorbed into the **Black walls**

↑ Sensitivity T/S/N ratio



WIDE MOUTH REAGENT BOTTLE



PP Translucent

Model	Capacity (ml)	Bottle size (mm) (Dia.XHeight)	Packing
613002	8	24.8×43	100 pcs/bag, 15 bags/carton
601002*	15	24.8×56	100 pcs/bag, 12 bags/carton
602002*	30	34.2×59.2	100 pcs/bag, 10 bags/carton
603002*	60	39×81.5	100 pcs/bag, 5 bags/carton
604002*	125	50.7×95.7	50 pcs/bag, 5 bags/carton
605002*	250	60.9×127	25 pcs/bag, 8 bags/carton
606002*	500	73.2×162.3	12 pcs/bag, 9 bags/carton
615002*	1000	91.9×193.9	6 pcs/bag, 14 bags/carton

HDPE White

614002	8	24.8×43	100 pcs/bag, 15 bags/carton
607002	15	24.8×56	100 pcs/bag, 12 bags/carton
608002	30	34.2×59.2	100 pcs/bag, 10 bags/carton
609002	60	39×81.5	100 pcs/bag, 5 bags/carton
610002*	125	50.7×95.7	50 pcs/bag, 5 bags/carton
611002*	250	60.9×127	25 pcs/bag, 8 bags/carton
612002*	500	73.2×162.3	12 pcs/bag, 9 bags/carton
616002*	1000	91.9×193.9	6 pcs/bag, 14 bags/carton



PP Translucent Sterilized

Model	Capacity (ml)	Bottle size (mm) (Dia.XHeight)	Packing
613102	8	24.8×43	20 pcs/bag, 20 bags/carton
601102	15	24.8×56	20 pcs/bag, 20 bags/carton
602102	30	34.2×59.2	10 pcs/bag, 20 bags/carton
603102	60	39×81.5	10 pcs/bag, 20 bags/carton
604102	125	50.7×95.7	10 pcs/bag, 10 bags/carton
605102	250	60.9×127	10 pcs/bag, 10 bags/carton
606102	500	73.2×162.3	5 pcs/bag, 10 bags/carton
615102	1000	91.9×193.9	3 pcs/bag, 9 bags/carton

HDPE White Sterilized

614102	8	24.8×43	20 pcs/bag, 20 bags/carton
607102	15	24.8×56	20 pcs/bag, 20 bags/carton
608102	30	34.2×59.2	10 pcs/bag, 20 bags/carton
609102	60	39×81.5	10 pcs/bag, 20 bags/carton
610102	125	50.7×95.7	10 pcs/bag, 10 bags/carton
611102	250	60.9×127	10 pcs/bag, 10 bags/carton
612102	500	73.2×162.3	5 pcs/bag, 10 bags/carton
616102	1000	91.9×193.9	3 pcs/bag, 9 bags/carton



PP Brown

Model	Capacity (ml)	Bottle size (mm) (Dia.XHeight)	Packing
613012	8	24.8×43	100 pcs/bag, 15 bags/carton
601012	15	24.8×56	100 pcs/bag, 12 bags/carton
602012	30	34.2×59.2	100 pcs/bag, 10 bags/carton
603012*	60	39×81.5	100 pcs/bag, 5 bags/carton
604012	125	50.7×95.7	50 pcs/bag, 5 bags/carton
605012*	250	60.9×127	25 pcs/bag, 8 bags/carton
606012*	500	73.2×162.3	12 pcs/bag, 9 bags/carton
615012*	1000	91.9×193.9	6 pcs/bag, 14 bags/carton

HDPE Brown

614012	8	24.8×43	100 pcs/bag, 15 bags/carton
607012	15	24.8×56	100 pcs/bag, 12 bags/carton
608012*	30	34.2×59.2	100 pcs/bag, 10 bags/carton
609012*	60	39×81.5	100 pcs/bag, 5 bags/carton
610012*	125	50.7×95.7	50 pcs/bag, 5 bags/carton
611012*	250	60.9×127	25 pcs/bag, 8 bags/carton
612012*	500	73.2×162.3	12 pcs/bag, 9 bags/carton
616012*	1000	91.9×193.9	6 pcs/bag, 14 bags/carton



PP Brown Sterilized

Model	Capacity (ml)	Bottle size (mm) (Dia.XHeight)	Packing
613112	8	24.8×43	20 pcs/bag, 20 bags/carton
601112	15	24.8×56	20 pcs/bag, 20 bags/carton
602112	30	34.2×59.2	10 pcs/bag, 20 bags/carton
603112	60	39×81.5	10 pcs/bag, 20 bags/carton
604112	125	50.7×95.7	10 pcs/bag, 10 bags/carton
605112	250	60.9×127	10 pcs/bag, 10 bags/carton
606112	500	73.2×162.3	5 pcs/bag, 10 bags/carton
615112	1000	91.9×193.9	3 pcs/bag, 9 bags/carton

HDPE Brown Sterilized

614112	8	24.8×43	20 pcs/bag, 20 bags/carton
607112	15	24.8×56	20 pcs/bag, 20 bags/carton
608112	30	34.2×59.2	10 pcs/bag, 20 bags/carton
609112	60	39×81.5	10 pcs/bag, 20 bags/carton
610112	125	50.7×95.7	10 pcs/bag, 10 bags/carton
611112	250	60.9×127	10 pcs/bag, 10 bags/carton
612112	500	73.2×162.3	5 pcs/bag, 10 bags/carton
616112	1000	91.9×193.9	3 pcs/bag, 9 bags/carton

NARROW MOUTH REAGENT BOTTLE



PP Translucent

Model	Capacity (ml)	Bottle size (mm) (Dia.XHeight)	Packing
627002*	30	34×61	100 pcs/bag, 10 bags/carton
625002	60	39×84.3	100 pcs/bag, 5 bags/carton
623002*	125	50.34×97.9	50 pcs/bag, 5 bags/carton
621002*	250	60.8×130	25 pcs/bag, 8 bags/carton
619002*	500	72.6×167.8	12 pcs/bag, 9 bags/carton
617002*	1000	92×212	6 pcs/bag, 14 bags/carton

HDPE White

628002*	30	34×61	100 pcs/bag, 10 bags/carton
626002*	60	39×84.3	100 pcs/bag, 5 bags/carton
624002*	125	50.34×97.9	50 pcs/bag, 5 bags/carton
622002*	250	60.8×130	25 pcs/bag, 8 bags/carton
620002*	500	72.6×167.8	12 pcs/bag, 9 bags/carton
618002*	1000	92×212	6 pcs/bag, 14 bags/carton



PP Translucent Sterilized

Model	Capacity (ml)	Bottle size (mm) (Dia.XHeight)	Packing
627102	30	34×61	10 pcs/bag, 20 bags/carton
625102	60	39×84.3	10 pcs/bag, 20 bags/carton
623102	125	50.34×97.9	10 pcs/bag, 10 bags/carton
621102*	250	60.8×130	10 pcs/bag, 10 bags/carton
619102	500	72.6×167.8	5 pcs/bag, 10 bags/carton
617102	1000	92×212	3 pcs/bag, 9 bags/carton

HDPE White Sterilized

628102*	30	34×61	10 pcs/bag, 20 bags/carton
626102	60	39×84.3	10 pcs/bag, 20 bags/carton
624102*	125	50.34×97.9	10 pcs/bag, 10 bags/carton
622102	250	60.8×130	10 pcs/bag, 10 bags/carton
620102*	500	72.6×167.8	5 pcs/bag, 10 bags/carton
618102	1000	92×212	3 pcs/bag, 9 bags/carton



PP Brown

Model	Capacity (ml)	Bottle size (mm) (Dia.XHeight)	Packing
627012	30	34×61	100 pcs/bag, 10 bags/carton
625012	60	39×84.3	100 pcs/bag, 5 bags/carton
623012*	125	50.34×97.9	50 pcs/bag, 5 bags/carton
621012*	250	60.8×130	25 pcs/bag, 8 bags/carton
619012*	500	72.6×167.8	12 pcs/bag, 9 bags/carton
617012*	1000	92×212	6 pcs/bag, 14 bags/carton

HDPE Brown

628012*	30	34×61	100 pcs/bag, 10 bags/carton
626012	60	39×84.3	100 pcs/bag, 5 bags/carton
624012*	125	50.34×97.9	50 pcs/bag, 5 bags/carton
622012*	250	60.8×130	25 pcs/bag, 8 bags/carton
620012*	500	72.6×167.8	12 pcs/bag, 9 bags/carton
618012*	1000	92×212	6 pcs/bag, 14 bags/carton



PP Brown Sterilized

Model	Capacity (ml)	Bottle size (mm) (Dia.XHeight)	Packing
627112	30	34×61	10 pcs/bag, 20 bags/carton
625112	60	39×84.3	10 pcs/bag, 20 bags/carton
623112	125	50.34×97.9	10 pcs/bag, 10 bags/carton
621112	250	60.8×130	10 pcs/bag, 10 bags/carton
619112	500	72.6×167.8	5 pcs/bag, 10 bags/carton
617112	1000	92×212	3 pcs/bag, 9 bags/carton

HDPE Brown Sterilized

628112	30	34×61	10 pcs/bag, 20 bags/carton
626112	60	39×84.3	10 pcs/bag, 20 bags/carton
624112	125	50.34×97.9	10 pcs/bag, 10 bags/carton
622112	250	60.8×130	10 pcs/bag, 10 bags/carton
620112	500	72.6×167.8	5 pcs/bag, 10 bags/carton
618112	1000	92×212	3 pcs/bag, 9 bags/carton