

Professional supplier of Autoclave & Sterilizer



Autoclave & Sterilizer



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Portable Autoclave series

Usage

The product uses saturated steam to rapidly and efficiently sterilize articles. It is the ideal equipment for hospitals, clinic, health care stations, beauty salons, scientific research units and other organizations to sterilize medical instruments, dressings, glassware, solution medium etc.

Model No. RC-ASD280A

Electric heating Portable Autoclave

Products Description

- High Quality SUS304 stainless steel material
- Electric heating system
- Silicone seal
- Dual scale indicate pressure gauge
- Double safety valve to ensure safe
- High pressure faucet
- Easy operate, safe and reliable



Model

RC-ASD280A

RC-ASD280A

Volume

18L

24L

Chamber size

Φ280*295mm

Φ280*390mm

Working temperature

126°C

126°C

Working pressure

0.142Mpa

0.142Mpa

Packing size

410*410*550mm

425*425*660mm

G.W

15.5kg

22.5kg

Power

AC220V/50Hz/2.0KW

AC220V/50Hz/2.0KW

Portable Autoclave series

Usage

The product uses saturated steam to rapidly and efficiently sterilize articles. It is the ideal equipment for hospitals, clinic, health care stations, beauty salons, scientific research units and other organizations to sterilize medical instruments, dressings, glassware, solution medium etc.

Model No. RC-ASD280C

Electric Coal and Gas Heating Portable Autoclave

Products Description

- High Quality SUS304 stainless steel material
- Electric, coal and gas heating
- Silicone seal
- Dual scale indicate pressure gauge
- Double safety valve to ensure safe
- Easy operation, safe and reliable



Model

RC-ASD280C

RC-ASD280C

Volume

18L

24L

Chamber size

Φ280*295mm

Φ280*390mm

Working temperature

126°C

126°C

Working pressure

0.142Mpa

0.142Mpa

Packing size

410*410*440mm

410*410*540mm

G.W

14kg

18kg

Power

AC220V/50Hz/2.0KW

AC220V/50Hz/2.0KW

Portable Autoclave series

Usage

The product uses saturated steam to rapidly and efficiently sterilize articles. It is the ideal equipment for hospitals, clinic, health care stations, beauty salons, scientific research units and other organizations to sterilize medical instruments, dressings, glassware, solution medium etc.

Model No. RC-ASD280B

Digital Electric heating Portable Autoclave

Products Description

- High Quality SUS304 stainless steel material
- Electric heating system
- Silicone seal
- Dual scale indicate pressure gauge
- Double safety valve to ensure safe
- LED digital display screen
- Microcomputer control system
- High pressure faucet drainage water
- Over-temperature protection
- Over-pressure protection
- Water shortage protection
- Easy operate, safe and reliable



Model

RC-ASD280B digital

RC-ASD280B digital

Volume	18L	24L
Chamber size	Φ280*295mm	Φ280*390mm
Working temperature	126°C	126°C
Working pressure	0.142Mpa	0.142Mpa
Packing size	410*410*550mm	425*425*660mm
G.W	15.5kg	22.5kg
Power	AC220V/50Hz/2.0KW	AC220V/50Hz/2.0KW

Horizontal Autoclave Series

Model No. RC-T24J

Table Top Steam Sterilizer

Products Description

- Sterilizing course: Automatic sterilization controlled by computer, easy to operate.
- Maximum temperature: up to 134 °C, suit for 4-6 minutes rapidly sterilizing.
- Safe protection of water lacking.
- With over-temperature, over-pressure auto-protect device
- After sterilization it will automatically cut the power and then alarm.
- Fully stainless steel structure.



Model

Sterilizing chamber volume

working pressure

working temperature

Adjustment of temperature

Timer

Heat average

Power

Sterilizing plate

Dimension

Package dimension

G.W/N. W

RC-T24J

24L (φ270×410 mm)

0.22Mpa

134°C

105-134°C

0-60 min

≤± 1°C

1.5 KW / AC220V 50Hz

340 × 200 × 30 mm (3piece)

560 × 350 × 500 mm

620 × 410 × 570 mm

20/18 kg

Horizontal Autoclave Series

Product structure characteristics

RC-HPSA series horizontal pressure steam sterilizer is the equipment that disinfects and sterilizes the objects with saturated steam, its structure is horizontal and heating way is: electric heating and direct steam heating. It is composed of sterilization room, jacket, shell, door, steam generator, pipe system, control system, indicating system and power-supply system.

It is widely used in oral department, ophthalmology, operation room and lab, and is suitable for items which are high temperature-resisting and high pressure-resisting including unwrapped, wrapped, dressing, rubber, liquid, plant-in instrument, porous item (dressing), hollow instrument (high and low speed phone) to be sterilized.

Model No. RC-HPSA Horizontal Pressure Steam Autoclave

Products Description

- Automatic sterilization, easy to operate.
- Drying function.
- Over-temperature, over-pressure auto-protection device.
- The power will be cut off automatically, and cut-off water and alarm when machine lacks of water.
- The door opening mechanism cannot be operated until pressure in the chamber is reduced to 0.027Mpa. It can't start if door doesn't close completely.
- The safety valve will be open automatically, when the inner pressure over 0.24 MPa and the steam will be exhausted to the water tank.
- The chamber and jacket are made of stainless steel SUS 304.
- Built-in steam generator.



SPECIFICATIONS

Model	RC-HPSA150	RC-HPSA200	RC-HPSA280
Volume	150 Liters	200 Liters	280 Liters
Sterilizing Chamber Volume	Ø440*H1000 mm	Ø515*H1000 mm	Ø600*H1000 mm
Working Pressure	0.22 Mpa	0.22 Mpa	0.22 Mpa
Max Working Pressure	0.23 Mpa	0.23 Mpa	0.23 Mpa
Working Temperature	134°C	134°C	134°C
Adjustment of Temperature	105°C-134°C	105°C-134°C	105°C-134°C
Adjustment time of Sterilization	0-60 Minutes	0-60 Minutes	0-60 Minutes
Adjustment time of Dry	0-60 Minutes	0-60 Minutes	0-60 Minutes
Heat Average	≤±1°C	≤±1°C	≤±1°C
Power	9 KW AC220V 60Hz	9 KW AC220V 60Hz	12 KW AC380V 50Hz
Product Dimension(mm)	1400*600*1300	1400*670*1300	1400*770*1780
Package Dimension (mm)	1550*750*1850	1560*820*1850	1680*920*2100
Gross Weight/Net Weight	320kg/240kg	350kg/290kg	465kg/365kg

Model	RC-HPSA400	RC-HPSA500
Volume	400 Liters	500 Liters
Sterilizing Chamber Volume	Ø700*H1100 mm	Ø700*H1300 mm
Working Pressure	0.22 Mpa	0.22 Mpa
Max Working Pressure	0.23 Mpa	0.23 Mpa
Working Temperature	134°C	134°C
Adjustment of Temperature	105°C-134°C	105°C-134°C
Adjustment time of Sterilization	0-60 Minutes	0-60 Minutes
Adjustment time of Dry	0-60 Minutes	0-60 Minutes
Heat Average	≤±1°C	≤±1°C
Power	18 KW AC380V 50Hz	18 KW AC380V 50Hz
Product Dimension(mm)	1430*880*1830	1800*900*1820
Package Dimension (mm)	1800*1050*2100	1850*1050*2100
Gross Weight/Net Weight	465kg/365kg	580kg/470kg

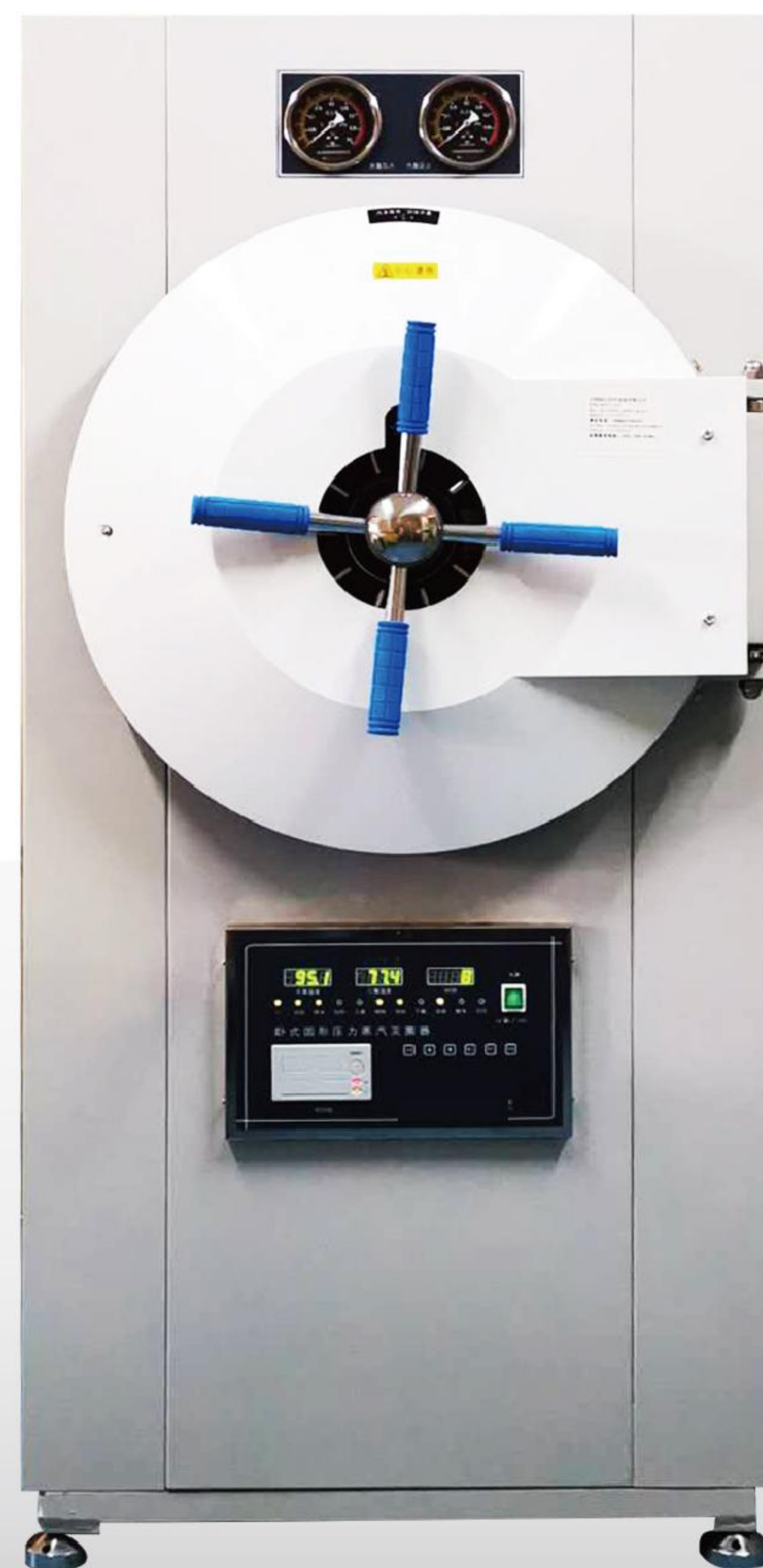
Horizontal Autoclave Series

Model No . RC-HCPSA

Horizontal cylindrical pressure steam sterilizer

Products Description

1. Sterilizing course automatic sterilization controlled by computer, easy to operate.
2. With drying function, suitable dressing drying.
3. With over-temperature, over-pressure auto-protect device.
4. The door opening mechanism cannot be operated until the pressure in the chamber is reduced to 0.027MPa. It can't be start on if the doesn't closed well.
5. The safety value will be open automatically when the inner pressure over 0.24MPa, and the steam be exhausting to the water tank.
6. The power will be cut-off automatically, cut-off the water and alarm when the machine lacking water.
7. The chamber of the sterilizer is made of stainless steel.
8. With printer.



SPECIFICATIONS



Model	RC-HCPSA150	RC-HCPSA200	RC-HCPSA280
Sterilizing chamber volume	150L	200L	280L
working pressure	φ440×1000mm	φ515×1000mm	φ600×1000mm
working temperature	0.22 MPa	0.22 MPa	0.22 MPa
Adjustment of temperature	134°C	134°C	134°C
Time of sterilization	40°C-134°C	40°C-134°C	40°C-134°C
Time of drying	0-99 min	0-99 min	0-99 min
Heat average	0-99 min	0-99 min	0-99 min
Power	≤±2°C	≤±2°C	≤±2°C
Dimension	9KW/380V 50Hz	9KW/380V 50Hz	12KW/380V 50Hz
Transport dimension	1400×650×1600	1400×750×1700	1520×910×1900
G.W/N.W	1560×820×1820	1560×910×1880	1680×1080×2100
	430/340 KG	436/350 KG	570/462 KG

Vertical Autoclave series

Usage

The vertical steam sterilizer is a safe equipment. The shape is square vertical structure. It is made of shell, sterilization room, steam generator, pipeline system and control system. Advantages: beautiful shape, easy operation, safe usage, saving energy and durable, with multiple functions, heating rapidly, effective sterilization result. The product is an ideal equipment for medical and health institutions, laboratories, biological research, food industry and other units to sterilize the medical equipment, dressing, glassware, solution culture medium and so on.

Model No . RC-VAH-B High Pressure Vertical Autoclave

Products Description

- High quality SUS304 stainless steel material
- Dual scale indicate pressure gauge
- Light indicate working status
- Temperature, time of sterilization can be set.
- Water lack auto-protection
- Over pressure auto-discharging
- Over current auto-protection
- Over temperature auto-protection
- Drying function can be add(best large than 75L)



SPECIFICATIONS

Model	RC-VAH-B	RC-VAH-B
Volume	35L	50L
Chamber size	Φ300*485mm	Φ320*545mm
Working temperature	115-129°C	115-129°C
Working pressure	0.145-0.165Mpa	0.145-0.165Mpa
Time scope	0-80min	0-80min
Packing size	53*52*92cm	56*56*105cm
G.W/N.W	49kg/34kg	60kg/40kg
Power	AC220V/50Hz/2.5KW	AC220V/50Hz/2.5KW

Model	RC-VAH-B	RC-VAH-B
Volume	75L	100L
Chamber size	Φ388*480mm	Φ388*630mm
Working temperature	115-129°C	115-129°C
Working pressure	0.145-0.165Mpa	0.145-0.165Mpa
Time scope	0-80min	0-80min
Packing size	62*60*109cm	63*61*118cm
G.W/N.W	80kg/57kg	85kg/60kg
Power	AC220V/50Hz/3.5KW	AC220V/50Hz/4.0KW

Model	RC-VAH-B	RC-VAH-B
Volume	120L	150L
Chamber size	Φ460*590mm	Φ460*700mm
Working temperature	115-129°C	115-129°C
Working pressure	0.145-0.165Mpa	0.145-0.165Mpa
Time scope	0-80min	0-80min
Packing size	66*67*121cm	67*68*128cm
G.W/N.W	97kg/75kg	110kg/80kg
Power	AC220V/50Hz/4.0KW	AC220V/50Hz/4.0KW

Vertical Autoclave series

Usage

The vertical steam sterilizer is a safe equipment. The shape is square vertical structure. It is made of shell, sterilization room, steam generator, pipeline system and control system. Advantages: beautiful shape, easy operation, safe usage, saving energy and durable, with multiple functions, heating rapidly, effective sterilization result. The product is an ideal equipment for medical and health institutions, laboratories, biological research, food industry and other units to sterilize the medical equipment, dressing, glassware, solution culture medium and so on.

Model No . RC-VAH-B Digital High Pressure Vertical Autoclave

Products Description

- Full SUS 304 stainless steel
- PID Microcomputer Control heating, air release, temperature, time and steam release
- LED digital display sterilization temperature and time
- Hand wheel quick open door
- Double safety interlocking system to ensure safe
- Automatic release when overpressure
- Water shortage and over heating protection
- Tempered glass anti-scald protection
- Sound-light alarm when sterilization finished
- Drying function can be added if customer need (best more than 75L)



SPECIFICATIONS

Model	RC-VAH-B Digital	RC-VAH-B Digital	RC-VAH-B Digital
Volume	35L	50L	75L
Chamber size	Φ300*485mm	Φ320*545mm	Φ388*480mm
Working temperature	100-134°C	100-134°C	100-134°C
Working pressure	0.22Mpa	0.22Mpa	0.22Mpa
Time scope	0-999min	0-999min	0-999min
Packing size	53*52*92cm	56*56*105cm	62*60*109cm
G.W/N.W	49kg/34kg	60kg/40kg	80kg/57kg
Power	AC220V/50Hz/2.5KW	AC220V/50Hz/2.5KW	AC220V/50Hz/4.0KW

Model	RC-VAH-B Digital	RC-VAH-B Digital	RC-VAH-B Digital
Volume	100L	120L	150L
Chamber size	Φ388*630mm	Φ460*590mm	Φ460*700mm
Working temperature	100-134°C	100-134°C	100-134°C
Working pressure	0.22Mpa	0.22Mpa	0.22Mpa
Time scope	0-999min	0-999min	0-999min
Packing size	63*61*118cm	66*67*121cm	67*68*128cm
G.W/N.W	85kg/60kg	97kg/75kg	110kg/80kg
Power	AC220V/50Hz/4.0KW	AC220V/50Hz/4.0KW	AC220V/50Hz/4.0KW

Vertical Autoclave series

Usage

The vertical steam sterilizer is a safe equipment. The shape is square vertical structure. It is made of shell, sterilization room, steam generator, pipeline system and control system. Advantages: beautiful shape, easy operation, safe usage, saving energy and durable, with multiple functions, heating rapidly, effective sterilization result. The product is an ideal equipment for medical and health institutions, laboratories, biological research, food industry and other units to sterilize the medical equipment, dressing, glassware, solution culture medium and so on.

Model No . RC-VAH-B Hand Wheel&Digital Vertical Autoclave

Products Description

- High quality SUS304 stainless steel material
- Dual scale indicate pressure gauge
- Light indicate working status
- LED digital display screen
- Microcomputer control system
- Temperature, time of sterilization can be set.
- Water lack auto-protection
- Over pressure auto-discharging
- Over current auto-protection
- Over temperature auto-protection
- Drying function can be add(best large than 75L)



SPECIFICATIONS

Model	RC-VAH-B hand wheel&digital	RC-VAH-B hand wheel&digital
Volume	35L	50L
Chamber size	Φ318*420mm	Φ318*530mm
Working temperature	100-134°C	100-134°C
Max Working pressure	0.22Mpa	0.22Mpa
Time scope	0-9999min	0-9999min
Packing size	55*54*100cm	57*55*109cm
G.W/N.W	65kg/44kg	73kg/49kg
Power	AC220V/50Hz/2.5KW	AC220V/50Hz/2.5KW

Model	RC-VAH-B hand wheel&digital	RC-VAH-B hand wheel&digital
Volume	75L	100L
Chamber size	Φ388*480mm	Φ388*630mm
Working temperature	100-134°C	100-134°C
Max Working pressure	0.22Mpa	0.22Mpa
Time scope	0-9999min	0-9999min
Packing size	62*62*121cm	62*62*131cm
G.W/N.W	91kg/71kg	103kg/74kg
Power	AC220V/50Hz/4.0KW	AC220V/50Hz/4.0KW

Vertical Autoclave series

Model No . RC-HD High pressure Vertical Autoclave

Products Description

- Fully stainless steel structure
- Hand wheel type of quick-open door structure
- Door safety lock system
- LCD digital display of working status,touch of key
- Auto discharge the cool air,and steam discharging auto matically after sterilization
- Over temperature&over pressure auto-protection
- Safe protection of water lacking
- Self-inflating type seal
- Automatically shut off with beep reminding after sterilization
- With two stainless steel sterilizing baskets
- Easy to operate, safe and reliable
- The drying system is optional, which can be equipped according to the customers request



SPECIFICATIONS

Model	RC-HD35(automatic)	RC-HD50(automatic)
Chamber volume	35L(ϕ 318×450)mm	50L(ϕ 340×550) mm
working pressure	0.22MPa	0.22MPa
Working temperature	134°C	134°C
Max working pressure	0.23 Mpa	0.23 Mpa
Heat average	$\leq\pm 1^{\circ}\text{C}$	$\leq\pm 1^{\circ}\text{C}$
Timer	0~99min or 0~99hour59min	0~99min or 0~99hour59min
Adjustment of temperature	105~134°C	105~134°C
Power	2.5Kw/AC220V.50Hz	3Kw/AC220V.50Hz
Overall dimension	470×450×1020(mm)	520×500×1150(mm)
Transport dimension	540×540×1140(mm)	580×580×1250(mm)
G.W/N.W	81Kg/63Kg	94Kg/ 74Kg

Model	RC-HD75(automatic)	RC-HD100(automatic)
Chamber volume	75L(ϕ 400×600) mm	100L(ϕ 440×650) mm
working pressure	0.22MPa	0.22MPa
Working temperature	134°C	134°C
Max working pressure	0.23 Mpa	0.23 Mpa
Heat average	$\leq\pm 1^{\circ}\text{C}$	$\leq\pm 1^{\circ}\text{C}$
Timer	0~99min or 0~99hour59min	0~99min or 0~99hour59min
Adjustment of temperature	105~134°C	105~134°C
Power	4.5Kw/AC220V.50Hz	4.5Kw/AC220V.50Hz
Overall dimension	550×530×1180 (mm)	580×560×1290 (mm)
Transport dimension	610×610×1280(mm)	640×640×1360(mm)
G.W/N.W	113Kg/ 93Kg	125Kg/ 105Kg

Vertical Autoclave series

Model No . RC-HD High pressure Vertical Autoclave

Products Description

- Fully stainless high-alloy steel structure
- Digital display of working status, touch of key
- Auto discharge the cool air, and steam discharging automatically after sterilization
- Automatically shut off with beep reminding after sterilization
- With two stainless steel sterilizing baskets
- Easy to operate, safe and reliable



SPECIFICATIONS

Model	RC-LD35 (automatic)	RRC-LD50 (automatic)
Chamber volume	35L(φ318×450)mm	50L(φ340×550) mm
working pressure	0.22MPa	0.22MPa
Working temperature	134°C	134°C
Max working pressure	0.23 Mpa	0.23 Mpa
Heat average	≤±1°C	≤±1°C
Timer	0~99min or 0~99hour59min	0~99min or 0~99hour59min
Adjustment of temperature	105~134°C	105~134°C
Power	2.5Kw/AC220V.50Hz	3Kw/AC220V.50Hz
Overall dimension	470×450×840(mm)	520×500×970(mm)
Transport dimension	540×540×970(mm)	580×580×1090(mm)
G.W/N.W	61Kg/ 46Kg	73Kg/56Kg

Model	RC-LD75 (automatic)	RC-LD100 (automatic)
Chamber volume	75L(φ400×600) mm	100L(φ440×650) mm
working pressure	0.22MPa	0.22MPa
Working temperature	134°C	134°C
Max working pressure	0.23 Mpa	0.23 Mpa
Heat average	≤±1°C	≤±1°C
Timer	0~99min or 0~99hour59min	0~99min or 0~99hour59min
Adjustment of temperature	105~134°C	105~134°C
Power	4.5Kw/AC220V.50Hz	4.5Kw/AC220V.50Hz
Overall dimension	550×530×990(mm)	580×560×1060(mm)
Transport dimension	610×610×1110(mm)	640×640×1170(mm)
G.W/N.W	87Kg/67Kg	95Kg/73Kg

Vertical Autoclave series

Usage

The vertical steam sterilizer is a safe and automatic control program equipment. The shape is square vertical structure. It is made of shell, sterilization room steam generator, pipeline system and control system. Advantages: beautiful shape, easy operation, safe usage, saving energy and durable, with multiple functions, heating rapidly, effective sterilization result. The product is an ideal equipment for the medical and health institutions, laboratories, clinical institutions, biological research, food industry and other units to sterilize the medical equipment, dressings, glassware, solution culture medium and so on.

Model No . RC-VA-DGL01 Quick Drying Type(3-Times Pre-vacuum)

Products Description

- Full SUS 304 stainless steel material
- Hand wheel translation type quick opening structure
- Three times pre-vacuum
- Microcomputer automatic control, arbitrary setting sterilization parameters
- Safety interlock device
- LCD display and touch type button
- Standardized test interface
- Self expanding seal
- Drying function is optional
- With automatic protection function: over temperature protection; over pressure self discharge protection; low water level protection; anti dry burning
- With stainless steel basket
- Sterilization end buzzer reminder, automatic stop
- Automatic discharge of cold air, automatic exhaust steam after sterilization
- Internal printer



SPECIFICATIONS



Model	RC-VA-DGL01	RC-VA-DGL01	RC-VA-DGL01
Volume	50L	75L	100L
Chamber size	Φ350*525mm	Φ400*625mm	Φ450*650mm
Working temperature	134°C	134°C	134°C
Max Working pressure	0.22Mpa	0.22Mpa	0.22Mpa
Time scope	0-999min	0-999min	0-999min
Packing size	68*50*110cm	68*50*108cm	73*55*110cm
G.W/N.W	32*24x2pcs	36*28x2pcs	41*28x2pcs
Power	AC220V/50Hz/4.5KW	AC220V/50Hz/4.5KW	AC220V/50Hz/4.5KW

Vertical Pulse Vacuum Steam Sterilizer

Model No . RC-VPVSS

Vertical Pulse Vacuum Steam Sterilizer series

Products Description

Features

This series of pulsation vacuum sterilizer uses saturated steam as its sterilization medium. The saturated steam releases a large amount of latent heated physical properties in the stage of condensation, which presents items to be sterilized with a state of high temperature and humidity. After a period of insulation in such status, sterilization is achieved. The application of pulsating vacuum exhausting has successfully eliminated temperature influence from cold air, and helping the sterilization items to be dried by means of vacuum and dehumidification between the jacketed layers.

Structure and Characteristic of The Equipment

Body of the sterilizer:

- * it is designed and manufactured in accordance with GB150 "the Pressure Vessel", GB 8599 "The Technical Requirements of Large Steam Sterilizer--Automatic Control Protocol", and TSG R0004 the "Safety and Technology Specification for Fixed Monitor Vessels" and related inspection procedures.
- * Tank of the horizontal rectangular double-deck structure is made from S30408.
- * Door sealing: Pneumatic sealing; both doors are interlocked and completely conform to the requirements of the specification.
- * The equipment has standard GMP authentication interface.

Sterilizer piping system: the pipeline is designed with the best configuration. By employing imported parts and quality domestic brands into main components.

Sterilizer control system: with the adoption of Siemens PLC plus Siemens touch screen, this system is easy to implement the program selection, parameter setting, equipment operation, report processing and other functions. It has perfect safety measures. The F0 value and the temperature time gives double guarantee for sterilization. A single parameter control is also available. It has a perfect sterilization records.



Vertical Pulse Vacuum Steam Sterilizer

Size & Utilities:

Model No.	Overall size LXWXH(mm)	Chamber size LXWXH(mm)	Steam consumption(KG)	Tap water consumption(KG)	Power(KW)	Net weight(KG)
RC-VPVSS 250L	1100x1350x1900	800x600x600	18	35	2+24KW	900
RC-VPVSS 360L	1300x1350x1900	1000x600x600	25	40	2+24KW	1000
RC-VPVSS 600L	1500x1360x1950	1200x610x910	30	45	3+36KW	1400
RC-VPVSS 800L	1800x1360x1950	1500x610x910	40	50	3kw	1600
RC-VPVSS 1200L	1750x1440x1950	1450x680x1180	48	55	4KW	1800
RC-VPVSS 1500L	2150x1440x1950	1850x680x1150	55	60	4KW	2000
RC-VPVSS 2000L	1950x1750x2200	1600x900x1400	65	65	4.5KW	2500

Main Parameters and Utilities

Design Pressure	0.245MPa	Working pressure	0.225MPa
Design Temperature	139°C	Working temperature	105~134°C
Vacuum	-0.09 Mpa	Temp Equilibrium	<=±1°C
Water Source Pressure	0.15-0.3Mpa	Compressed Air Pressure	0.3~0.7MPa
Steam Pressure	0.3-0.7Mpa	Power	AC380V, 50HZ



Tabletop steam autoclave

Usage

The sterilizer is a fast sterilization desktop equipment with safe and reliable automatic control program. Using the European CLASS N standard, with beautiful appearance, it is the most sophisticated and economical medical equipment to sterilize solids. The Sterilizer is suitable for health care center, pharmaceutical companies and research institutes etc. Providing sterilization for the items that are resistant to saturated steam, such as surgical dental ophthalmic instruments, glassware, chemicals, culture media, fabric accessories and food.

Model No . RC-TAD-A High Pressure Vertical Autoclave series

Products Description

- Quality stainless steel inner tank, sealed cover
- The microcomputer controls the automatic cycle, 121°C and 134°C can be set
- Safety interlocking device
- Touch buttons
- Equipped with standard test interface
- Open type top water tank
- European Class N standard.
- With Automatic protection function: Over temperature protection, over pressure protection, low water level protection, anti dry burning
- Sterilization end buzzer reminder, automatic stop
- Automatic discharge of cold air, automatic exhaust steam after sterilization
- Build-in steam generator to provide saturated steam quickly



RC-TAD-8A/RC-TAD-12A



Model

Volume

Chamber size

Working temperature

Working pressure

Consumed power

Weight

Power

RC-TAD-8A

8L

Φ170*360mm

134°C

0.22Mpa

1500W

32KG

110-220V/50HZ

RC-TAD-12A

12L

Φ200*385mm

134°C

0.22Mpa

1800W

43KG

110-220V/50HZ

Tabletop steam autoclave

Usage

The sterilizer is a fast sterilization desktop equipment with safe and reliable automatic control program. Using the European CLASS N standard, with beautiful appearance, it is the most sophisticated and economical medical equipment to sterilize solids. The Sterilizer is suitable for health care center, pharmaceutical companies and research institutes etc. Providing sterilization for the items that are resistant to saturated steam, such as surgical dental ophthalmic instruments, glassware, chemicals, culture media, fabric accessories and food.

Model No . RC-TAD-A High Pressure Vertical Autoclave series

Products Description

- Quality stainless steel inner tank, sealed cover
- The microcomputer controls the automatic cycle, 121°C and 134°C can be set
- Touch buttons
- Equipped with standard test interface
- European Class N standard.
- The container has automatic protection function: Over temperature protection, over pressure protection, low water level protection, anti dry burning
- Sterilization end buzzer reminder, automatic stop
Automatic discharge of cold air, automatic exhaust steam after sterilization



RC-TAD-ARC-TAD-18A
/RC-TAD-23A



RC-TAD-16A

16L
Φ230*390mm
134°C
0.22Mpa
1800W
44KG
110-220V/50HZ

RC-TAD-18A

18L
Φ250*370mm
134°C
0.22Mpa
2200W
48KG
110-220V/50HZ

RC-TAD-23A

23L
Φ250*470mm
134°C
0.22Mpa
2200W
53KG
110-220V/50HZ

Tabletop steam autoclave

Usage

The sterilizer is a fast sterilization desktop equipment with safe and reliable automatic control program. Using the European CLASS B standard, with three-times pre-vacuum pulse drying function, it is the most sophisticated and economical medical equipment to sterilize solids. The sterilizer is completely in compliance with EN13060 European standards, with beautiful appearance, high performance, high reliability and safety. It's suitable for health care center, pharmaceutical companies and research institutes etc. Providing sterilization for the items that are resistant to saturated steam, such as surgical dental ophthalmic instruments, glassware, chemicals, culture media, fabric accessories and food.

Model No . RC-TAD-B Tabletop vacuum steam autoclave

Products Description

- Open type top water tank, quality stainless steel inner tank, sealed cover
- The microcomputer control,safety interlocking device
- With BD test: HELIX test, VACUUM test
- LCD display and touch buttons and equipped with standard test interface
- European Class B standard.
- With Automatic protection function: Over temperature protection, over pressure protection, low water level protection, anti dry burning, and safety door lock
- Three times pre-vacuum
- Sterilization end buzzer reminder, automatic stop
- Automatic discharge of cold air, automatic exhaust steam after sterilization
- Build-in steam generator to provide saturated steam quickly
- Optional external printer and optional USB function and U disk



RC-TAD-8B/RC-TAD-12B



Model

RC-TAD-8B

RC-TAD-12B

Volume

8L

12L

Chamber size

Φ170*360mm

Φ200*385mm

Working temperature

134°C

134°C

Working pressure

0.22Mpa

0.22Mpa

Consumed power

1500W

1800W

Weight

32KG

43KG

Power

110-220V/50HZ

110-220V/50HZ

Tabletop steam autoclave

Usage

The sterilizer is a fast sterilization desktop equipment with safe and reliable automatic control program. Using the European CLASS B standard, with three-times pre-vacuum pulse drying function, it is the most sophisticated and economical medical equipment to sterilize solids. The sterilizer is completely in compliance with EN13060 European standards, with beautiful appearance, high performance, high reliability and safety. It's suitable for health care center, pharmaceutical companies and research institutes etc. Providing sterilization for the items that are resistant to saturated steam, such as surgical dental ophthalmic instruments, glassware, chemicals, culture media, fabric accessories and food.

Model No . RC-TAD-B Tabletop vacuum steam autoclave

Products Description

- Open type top water tank, quality stainless steel inner tank, sealed cover
- The microcomputer control,safety interlocking device
- With BD test: HELIX test, VACUUM test
- LCD display and touch buttons and equipped with standard test interface
- European Class B standard.
- With Automatic protection function: Over temperature protection, over pressure protection, low water level protection, anti dry burning, and safety door lock
- Three times pre-vacuum
- Sterilization end buzzer reminder, automatic stop
- Automatic discharge of cold air, automatic exhaust steam after sterilization
- Build-in steam generator to provide saturated steam quickly
- Optional external printer and optional USB function and U disk



RC-TAD-16B/RC-TAD-18B/RC-TAD-23B



RC-TAD-16B

16L
 Φ230*390mm
 134°C
 0.22Mpa
 1800W
 44KG
 110-220V/50HZ

RC-TAD-18B

18L
 Φ250*370mm
 134°C
 0.22Mpa
 2200W
 48KG
 110-220V/50HZ

RC-TAD-23B

23L
 Φ250*470mm
 134°C
 0.22Mpa
 2200W
 53KG
 110-220V/50HZ

Tabletop steam autoclave

Model No . RC-TAD-45B Tabletop vacuum steam autoclave

Products Description

- Automatic door switch
- Equipped with water quality test
- Quality stainless steel iner tank, sealed cover
- Microcomputer control
- Safety interlocking device
- With BD test, HELIX test, Vacuum test
- LED display and inductive operation
- Equiped with standard test interface
- Open type top water tank
- European CLASs B standard. With automatic protection functionover temperature protection over pressure protection, low water level protection,anti dry burning, safety door lock.
- Three times per-vacuum
- Serilization end buzzer reminder,automatic stop
- Automatic discharge of cold air automatic exhaust steam after steriliztion
- Built-in steam generator to provide saturated steam quickly
- With build-in printer, USB function and U disk
- Automatic water



Model	RC-TAD-45B
Volume:	45Liter
Consumed power:	3500W
Working temperature:	134°C
Chamber size:	φ316X615
Rated working pressure:	0.22Mpa
Product dimension:	657x870x575mm

Tabletop steam autoclave

Model No . RC-T45B/T60B/T80B

Tabletop vacuum steam autoclave

Products Description

* Brand-new operation interface

The LCD touch screen can display temperature, pressure, time, operating status, error and alarm information, etc. There are different color changes in each stage of sterilization. It is convenient for users to observe the sterilizer running status. More importantly, the fault alarm not only displays the fault code, but also automatically displays the reason analysis and solution.

* Multiple safety protection devices

Automatic over-temperature protection device, multiple control and protection of evaporator, door safety interlock protection, double over-pressure protection device, etc.

* Mobile temperature sensor

The mobile temperature probe can directly detect the internal temperature of the liquid to ensure the sterilization effect of the liquid.

* Automatic door structure

Sterilizer adopts automatic door structure, which is fast and convenient to operate, effectively protects human body and prevents scalding.

* Vacuuming system

High efficiency vacuum extraction system, low working noise, over-90KPa extreme vacuum, fast extraction speed, good dryness, more complete sterilization

* A variety of programs

There are exposed procedures, packaging procedures, rubber procedures, dressing procedures, liquid procedures, liquid customization, solid customization, medium sterilization procedures, B&D testing, vacuum testing and media dissolution procedures.

* Other features

A. Heating, sterilizing, exhausting and drying totally automatic. B. Chamber is heated by film heater, saving energy and time.

C. 0.22um high efficiency air filter, to avoid re-contamination of sterilized materials with filtration efficiency over 99.5%. D. Water filter in tank and chamber are quick to disassemble and easy for cleaning. E. Built-in stainless steel water tank, inner cycle of steam and water. F. Standard built-in printer. G. Standard USB port.



SPECIFICATIONS



Model	RC-T45B	RC-T60B	RC-T80B
Capacity	45L	60L	80L
Chamber Size(mm)	φ316*621	φ386*520	φ386*692
Design Pressure	-0.1/0.3MPa	-0.1/0.3MPa	-0.1/0.3MPa
Sterilization Temperature	105°C~134°C	105°C~134°C	105°C~134°C
Chamber Material	SUS304	SUS304	SUS304
Ambient Temp.	5°C~40°C	5°C~40°C	5°C~40°C
Consumption	5.8KW	6.2KW	6.2KW
Power Supply	AC110/220V±10%, 50/60Hz		
External Size(W*D*H)mm	610*1020*610	805*940*700	960*1130*940
Package Size(W*D*H)mm	750*1200*880	805*1140*700	960*1330*940
Gross Weight(kg)	165	215	230

Ethylene Oxide Sterilizer

Model No . RC-EOS Ethylene Oxide Sterilizer

Products Description

RC-EOS series of ethylene oxide sterilization cabinet is well designed, sophisticated technology, mainly by the microcomputer control system, the residual gas processing device, sterilization studio etc..

All the technical indicators of the product by the computer automated management, so control is accurate and reliable; The use of mixed ethylene oxide gas sterilization has the advantage of low toxicity, efficient broad-spectrum, sterilization thoroughly, penetrating strong sterilization time is short, no corrosion of items, no residue after sterilization of items, no pollution to the environment, so the use of safe and reliable; The series of products is China ethylene oxide sterilization equipment in the more advanced equipment.

Consumptive material

- 1.EO sterilizing agent, 2.EO indicator card,
- 3.EO biological indicator 4. medical packing bag

Technological advantage

- Microcomputer control, simple and convenient operation, digital display working state(including temperature, humidity,negative pressure, sterilization time, exhaust gas treatment time/times)
- The entire process of sterilization information record printing, for verification check and archive.
- Built in humidity sensor: The use of advanced technology imported humidity sensor, automatic detection of sterilization indoor humidity,to ensure that no less than 45%RH,no higher than 85%RH.
- t is equipped with automatic recovery function, regardless of power cut,outage,or the program disorder, it can determine the point of failure, the program can automatic recovery after power on and the device continue running.
- Multiple protection functions: With over temperature protection function, more safe and reliable.
- The air inlet is provided with a sterile filter, which can effectively filter out bacteria and microorganisms, and avoid the second time pollution when discharged.



Parameter

Sterilization chamber material	Anti-corrosion type 304stainless steel
Working pressure	-60Kpa
Operating temperature	50°C±5°C
Ethylene oxide sterilization concentration	0.6g/L
Select gas	Mixed gas (80%EO、 20%CO2) or pure EO gas (100%EO)
The sterilization time	0-99hours adjustable
Air replacement	Automatic ventilation,cycle ventilation 5 times, once every 15minutes

Ethylene Oxide Sterilizer

Each type of this product as follows:

Model	Volume	Chamber size (L*W*H)	Carton size (L*W*H)	Power (kw)	Gross weight (kg)	Power supply
RC-EOS-23	23L	67*45*40cm	24*47cm	1.3	50	110V60HZ or 220V/50HZ
RC-EOS-80	80L	60*32*45cm	78*62*110cm	1.5	115	110V60HZ or 220V/50HZ
RC-EOS-120	120L	60*40*50cm	78* 62 *115cm	2.8	160	110V60HZ or 220V/50HZ
RC-EOS-220	220L	74* 50* 60cm	92* 72 *125cm	3	195	110V60HZ or 220V/50HZ
RC-EOS-360	360L	83*60*73cm	101*82*138cm	3.6	280	110V60HZ or 220V/50HZ
RC-EOS-460	460L	95*60*82cm	114*80*148cm	4.5	370	220V/50HZ
RC-EOS-600	600L	98*68*91cm	116*88*156cm	5.3	420	220V/50HZ
RC-EOS-800	800L	110*73*100cm	130*95*165cm	6.5	470	220V/50HZ or 380V/50hz
RC-EOS-1000	1000L	117*81.5*104.5cm	135*110*172cm	7.5	575	220V/50HZ or 380V/50hz



RC-EOS-23 (table-top type)



RC-EOS-80/120/220/360/460/600/800/1000

H2O2 Low temperature Plasma Sterilizer

Model No . RC-PS Series

Features

- Broad material and device compatibility
- Fast cycle times
- No need civil work
- Non-toxic by product
- Low temperature, low moisture
- Low running costs
- Low maintenance costs



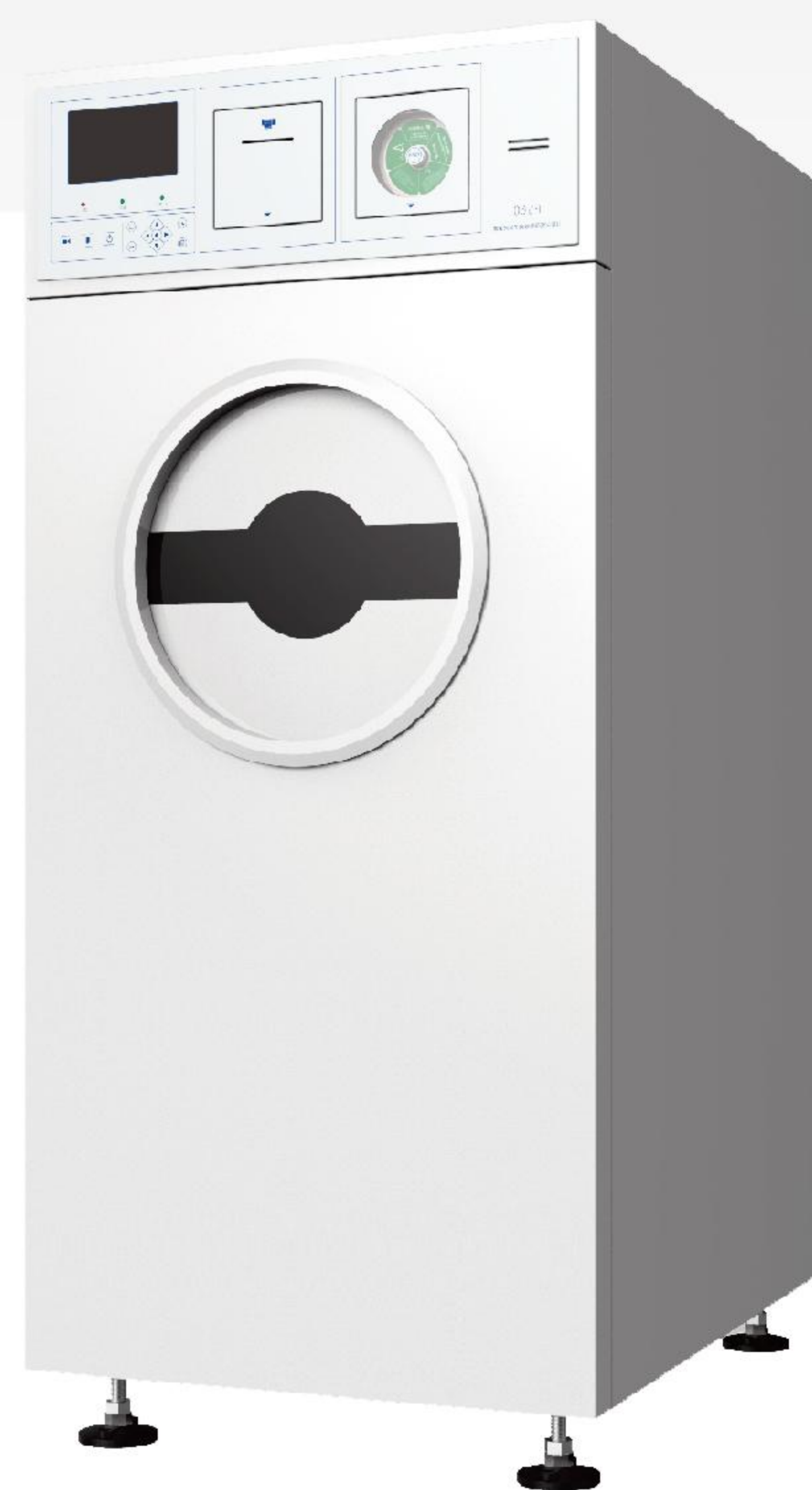
Model	RC-PS100	RC-PS130	RC-PS220
Machine size (W x H x D)	1105 x 790 x 1765 mm	1105 x 790 x 1765 mm	1105 x 790 x 1765 mm
Chamber size(W x H x D)	700 x 430x 360 mm	750 x 450x 400 mm	820x 510x 460 mm
Volume	100L	130L	192L
Power	3.5KVA	4.2KVA	4.8KVA
Weight	265KG	272KG	305KG
Sterilization cell	Aluminum alloy	Aluminum alloy	Aluminum alloy
Shelves (trays)	Two	Two	Two
Sterilization pressure	50Pa	50Pa	50Pa
Sterilization temperature	Average 55 °C	Average 55 °C	Average 55 °C
Air intake	Through medical-grade HEPA filter		
Dose method	H2O2 solution Cassette	H2O2 solution Cassette	H2O2 solution Cassette
Mini printer	Yes	Yes	Yes
Excess humidity alarm	Yes	Yes	Yes
Display screen	7'color LCD	7'color LCD	7'color LCD
Date export	Yes	Yes	Yes

H2O2 Low temperature Plasma Sterilizer

Model No. RC-LTPSB

Features

- 7 inch LCD(liquid crystal display) and Android operating system
- Support Wired LAN, WLAN and 3G
- 2 USB connectors, which can export data record
- Text message reminder
- Video broadcast
- Cloud service, backup and recovery record data
- Real time curve: the curve shows the sterilization status for easy monitoring
- Online infection control knowledge, user manual and maintenance instructions are available
- Update online medical industry news
- Update application online and offline
- Export record data as excel file
- Leybold vacuum pump from Germany



Model	RC-LTPSB-60	RC-LTPSB-90	RC-LTPSB-120
Overall Dimension	H1725×W750×D900 (mm)	H1725×W820×D890 (mm)	H1725×W820×D926 (mm)
Door Type	Single automatic vertical sliding door		
Capacity	60L(cylinder chamber)	90L(cylinder chamber)	120L(cylinder chamber)
Chamber Size	Φ450×690 (mm)	Φ460×770 (mm)	Φ500×750 (mm)
Sterilization Mode	quick/standard/enhanced cycle		
Sterilization Temp.	50°C~60°C	50°C~60°C	50°C~60°C
Temp.Items Shelf	220V50Hz/380V60Hz	220V50Hz/380V60Hz	220V50Hz/380V60Hz
Power Rating	optional, 2.7kw	optional, 2.7kw	optional, 3kw
Control System	Android system,intelligent management		
Cassette	12 capsules for each cassette which can be used for 6 cycles		

H202 Low temperature Plasma Sterilizer

Model No . RC-LTPSB

Features

- 10.4 inch LCD(liquid crystal display) and Android operating system
- Finger print identification and no upper limit to the number of operators
- Support Wired LAN, WLAN and 3G
- 2 USB connectors, which can export data record
- Text message reminder
- Video broadcast
- Cloud service, backup and recovery record data
- Real time curve: the curve shows the sterilization status for easy monitoring
- Online infection control knowledge, user manual and maintenance instructions are available
- Update online medical industry news
- Update application online and offline
- Export record data as excel file
- Leybold vacuum pump from Germany
- Can be upgraded to double doors type



Model	RC-LTPSB-150	RC-LTPSB-200	RC-LTPSB-350
Overall Dimension	H1730×W835×D1086 (mm)	H1730×W835×D1086 (mm)	H1725×W820×D926 (mm)
Door Type	Single door/double doors optional		
Capacity	150L(cylinder chamber)	200L(cylinder chamber)	350L(cylinder chamber)
Chamber Size	H450×W450×D800 (mm)	H500×W500×D800 (mm)	H620×W720×D800 (mm)
Items Shelf	2 or 4 layers	2 or 4 layers	3 or 4 layers
Sterilization Mode	quick/standard/enhanced cycle		
Sterilization	50°C~60°C	50°C~60°C	50°C~60°C
Temp.Items Shelf	220V50Hz/380V60Hz	220V50Hz/380V60Hz	220V50Hz/380V60Hz
Power Rating	optional, 4kw	optional, 4.2kw	optional, 4.6kw
Control System	Android system,intelligent management		
Cassette	12 capsules for each cassette which can be used for 6 cycles		

H202 Low temperature Plasma Sterilizer

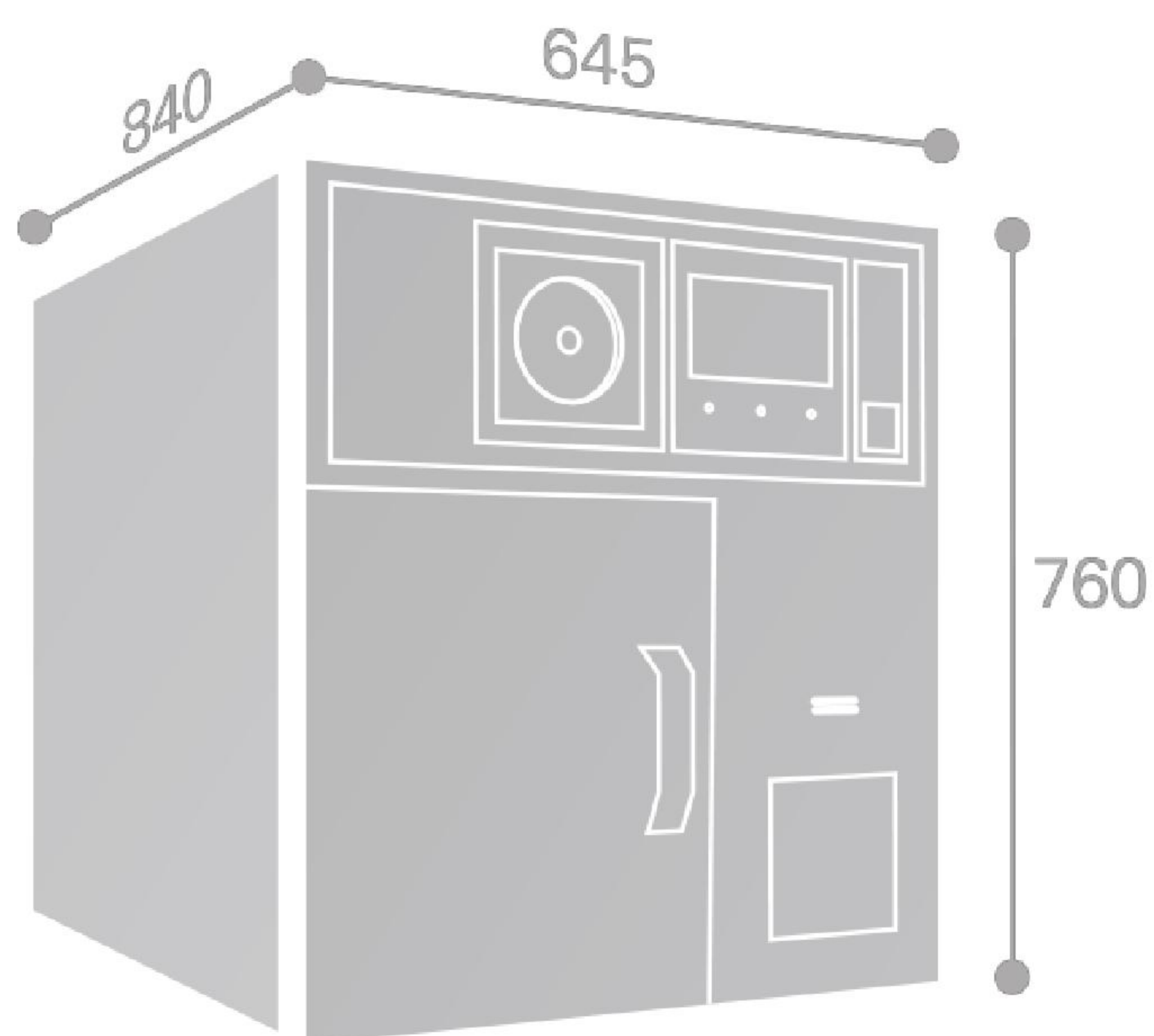
Model No . RC-LTPSB-60T (Table-top type)

Features

- Easily placed on platform and space-saving
- 7 inch LCD(liquid crystal display) and Android operating system
- Finger print identification and no upper limit to the number of operators
- Support Wired LAN, WLAN and 3G
- 2 USB connectors, which can export data record
- Text message reminder
- Video broadcast
- Cloud service, backup and recovery record data
- Real time curve: the curve shows the sterilization status for easy monitoring
- Online infection control knowledge, user manual and maintenance instructions are available
- Update online medical industry news
- Update application online and offline
- Export record data as excel file
- Leybold vacuum pump from Germany



H2O2 Low temperature Plasma Sterilizer



Type

RC-LTPSB-60T

Overall Dimension	H1760×W650×D840 (mm)
Door Type	Manual hinged
Capacity	60L(rectangle chamber)
Chamber Size	H340×W260×D700 (mm)
Sterilization Mode	quick/standard/enhanced cycle
Sterilization Temp.	50°C~60°C
Power Rating	220V50Hz/380V60Hz optional, 2kw
Control System	Android system,intelligent management
Cassette	12 capsules for each cassette which can be used for 6 cycles

Consumables For Low Temperature Plasma Sterilizer



H₂O₂ Sterilant

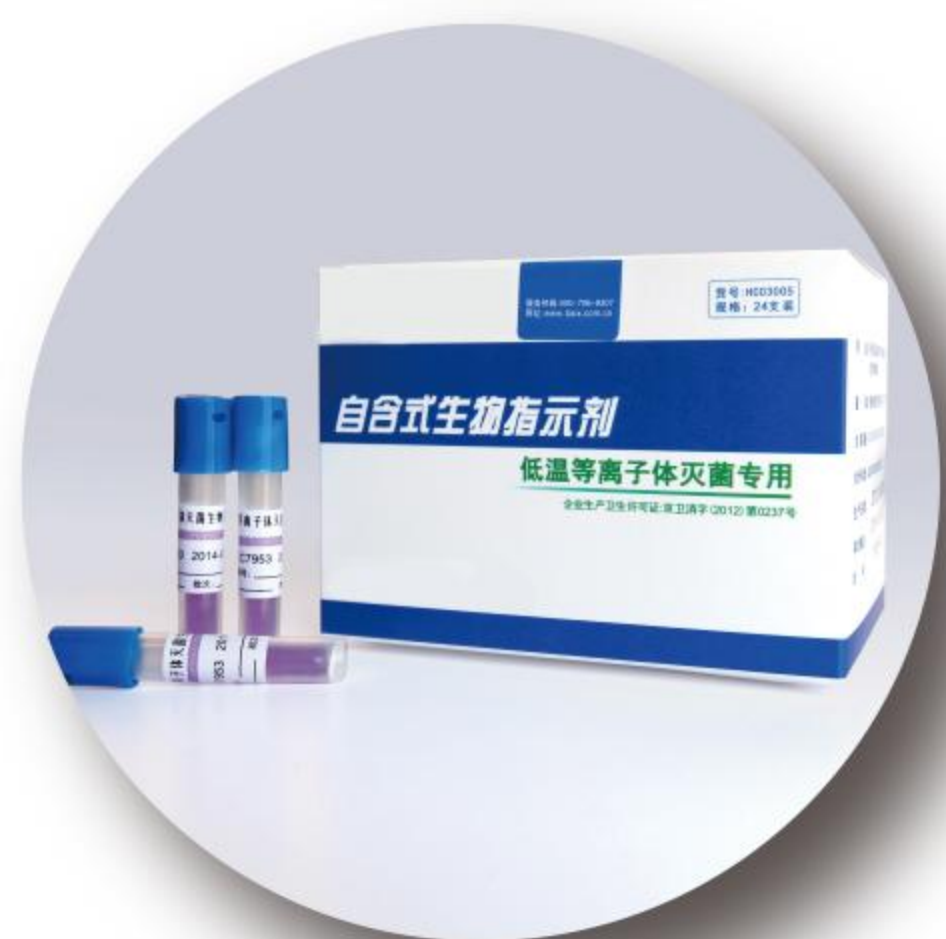
Hydrogen peroxide is the consumable specialized for plasma sterilizer. It can kill all microorganism including vegetative form of bacteria, spore, fungi and virus. As the mature and stable sterilant, hydrogen peroxide does no harm to people and environment.

Content of Hydrogen Peroxide: 730-780g/L



Biological Indicator Incubator

- Used for detecting biological indicator of plasma sterilizer
- Temperature Range: 20-60°C
- Overall Dimension: 194x124x125 (mm)
- Container Capacity: 24 injections/time
- Indicator Dimension: ≤Φ8.9x32.5mm



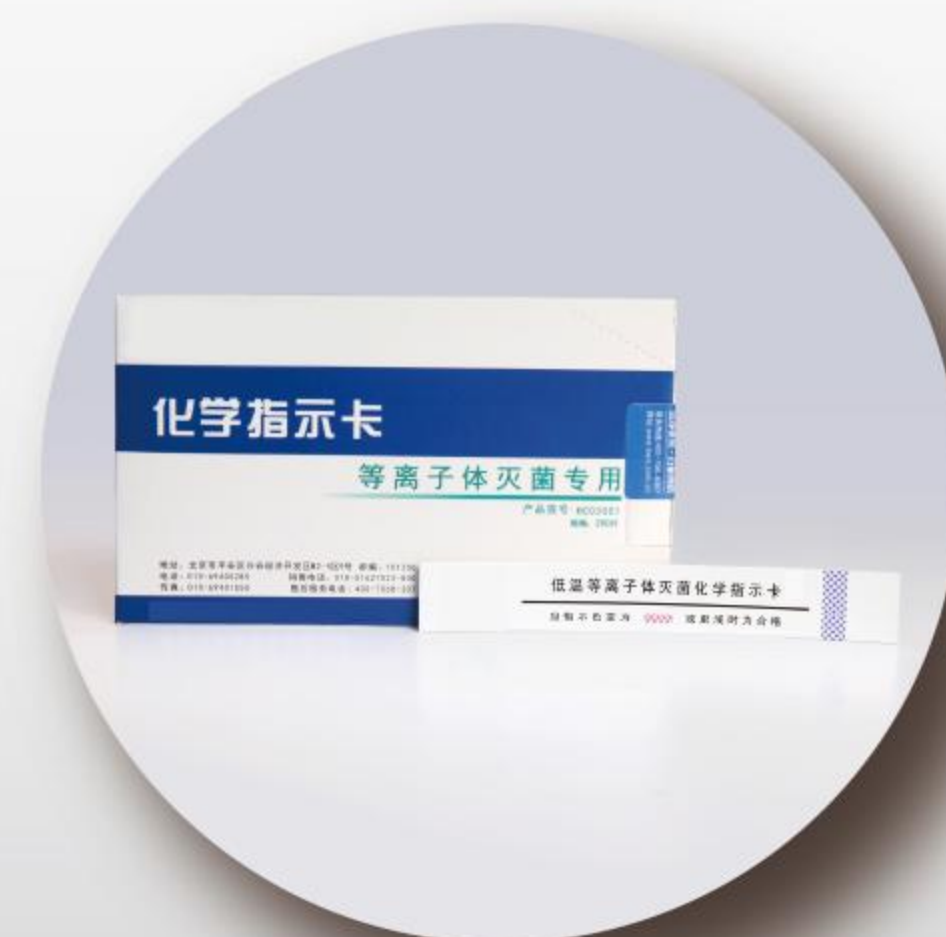
Plasma Biological Indicator

- Self-contained design realizes easy use and convenience
- Bacteria strain: Bacillus stearothermophilus ATCC7953
- Bacteria count: 1x10⁶-5x10⁶
- After 48 hours, the sterilization result can be judged
- Strictly accord with stands of ISO11138-1 and GB18281-1



Plasma Chemical Indicator Card

Chemical indicator card is printed with special indicator ink, whose color changes according to the change of hydrogen peroxide density, temperature and time. Judge the sterilization result based on color change.





Plasma Chemical Indicator Tape

The chemical indicator tape is made up of plastic and adhesive material which is printed with indicator ink. When the density of hydrogen peroxide reaches a certain degree, the color will change from blue to red, which indicates the items are sterilized by plasma. Firm sealing and environmental friendly.



Hydrogen Peroxide Cassette

- 12 capsules for each, which can be used for 6 cycles.
- Only available for BAIX Plasma Sterilizer

Non-Woven Fabrics

- Non-woven fabric is made up of 100% polypropylene chip, non-toxic,
- non-fiber-releasing and high efficiency of blocking bacteria.
- Used for high or low temperature sterilizer for single use, and no need for recycling and washing
- Full compliance with environmental needs and easy for degradation and burying
- Prevent cross-infection and increase the rate of infection control
- Long period of validity



Tyvek with Chemical Indicator Card

- Tyvek is a combination of Dupont 1059B Tyvek paper and plastic sheet for medical use
- Edge banding technology with 3 iron spots
- No paper scrap and dust.
- Stable indicator card and obvious color change
- Strong property of blocking bacteria and keeping items sterile for 180 days.
- Various size for different requirements.

