

## Vertical Counter Pressure Autoclave



### Use

The counter pressure autoclave is a kind of micro-computer controlled sterilizing equipment in medium-size, it directly fills the water into the sterilization chamber for electric heating to generate the high pressure steam as the sterilizing cycle required, then the unit proceeds the sterilization to the articles, the water temperature would rapidly cool down in 3 minutes by the outer connected compressed air injection after the cycle finished, and the articles temperature in chamber could decreased to 30~40℃. The unit is program controlled, there are two operation options for choosing: boiling disinfection the sterilizing temperature of which is lower or equal to 100℃ and rapid cooling pressure sterilization the sterilizing temperature of which is ranged from 105~134℃. The unit is with overload protection and buzzer alarm function after sterilization, easy and convenient to operate, safe and reliable. It is applicable to the disinfection and sterilization of food packaging, utensils, instruments and other articles. It is especially suitable for sterility test in food research institutions

### Characteristics

- ◆ The unit is equipped with immersed electric heating tubes, which are with dry-burning prevention function. It would automatically cut off the heating power if the water level is lower than the specified line, and send alarm signal at the meanwhile.
- ◆ The unit is equipped with timer to control the sterilizing time automatically.
- ◆ This unit is reliable and safe to operation, which is equipped with a safety valve for releasing the pressure over 0.25Mpa automatically, the power would cut off itself if the temperature raised to 140℃, is also with over heat protection, current over-load protection, and interlock protection.
- ◆ The unit is applicable to the disinfection and sterilization of food packaging, utensils, instruments and other articles. It is especially suitable for sterility test in food research institutions.
- ◆ The whole unit is made from high-quality stainless steel, has the advantages of corrosion resistance, easy maintenance and long service life.

## Vertical Counter Pressure Autoclave



### Technical Data

MODEL	LS-35LD	LS-50LD	LS-75LD	LS-100LD	LS-150LD
Technical Data					
Chamber volume	35L φ 318 × 450mm	50L φ 340 × 550mm	75L φ 400 × 600mm	100L φ 440 × 650mm	150L φ 510 × 740mm
Working pressure	134℃				
Max. working pressure	0.23MPa				
Timer range	0 ~ 99min				
Temperature adjust range	105 ~ 134℃				
Power	2.5KW/AC220V.50Hz	3KW/AC220V.50Hz	4.5KW/AC220V.50Hz		6KW/AC220V.50Hz
Overall dimension(mm)	470 × 450 × 840	520 × 500 × 970	550 × 530 × 990	580 × 560 × 1060	660 × 640 × 1130
Transport dimension(mm)	540 × 540 × 970	580 × 580 × 1090	610 × 610 × 1110	640 × 640 × 1170	730 × 730 × 1230
G.W/N.W	61kg / 46kg	73kg / 56kg	87kg / 67kg	95kg / 73kg	130kg / 111kg

# Vertical Pulse Vacuum Steam Sterilizer

Pulse vacuum automatic



## Use

The vertical pressure steam sterilizers are assembled with heating system, micro-computer controlled system, over heat and over pressure protection system, which are reliable for the sterilizing effects, convenient of operation and energy conservation. They are ideal equipments for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabrics, glasses, culture media etc.

## Characteristics

- ◆ Microcomputer controlled, digital display of working statues, touch type key.
- ◆ It dynamically shows the temperature, pressure time ,vacuum rate and the cycle status.
- ◆ With fully automatically route of the water inlet, pulse vacuum, heating, sterilizing, draining, exhausting and vacuum drying.
- ◆ 3 times pulse vacuum, the vacuum rate would reach -0.081MPa after that, which ensure the completely extracting of inner air from the dressing and A,B type hollowed appliance.
- ◆ With 4 fixed programs for the appliance, medical dressing, rubber and fluid, the user also could set the program as they need randomly.
- ◆ Equipped with the PT/TT testing connector, easy for running the testing.
- ◆ Multiple pulse vacuum drying after sterilizing, which ensure the good sterilizing result.
- ◆ Equipped with 0.22μm bacteria filter, it ensure the air which enter the inner vacuumed chamber is sterile, avoid the second time contamination.
- ◆ Hand wheel type for quick-open the door. Self-inflating type seal.
- ◆ Adopted with immersed heating tube, with high heating efficiency.
- ◆ Steam-water inner circulation system: no steam discharge, and the environment for the sterilizing will be clean and dry.
- ◆ Automatically shut off with beep reminding after sterilization.
- ◆ Fully high quality stainless, equipped with double stainless steel baskets.

## Technical Data

MODEL	LS-50HV	LS-75HV	LS-100HV
Technical Data	50L	75L	100L
Chamber volume	φ 340 × 550mm	φ 400 × 600mm	φ 440 × 650mm
Working pressure	0.22MPa		
Working temperature	134℃		
Max. working pressure	0.23MPa		
Heat average	≤ ± 1℃		
Timer range	0 ~ 99min		
Temperature adjust range	0 ~ 134℃		
Power	(3.2+1.6)KW/AC220V.50Hz	(3.2+1.8)KW/AC220V.50Hz	(3.2+1.9)KW/AC220V.50Hz
Overall dimension(mm)	660 × 460 × 1160	700 × 510 × 1250	700 × 510 × 1250
Transport dimension(mm)	740 × 550 × 1270	780 × 600 × 1380	780 × 600 × 1380
G.W/N.W	137kg / 114kg	168kg / 142kg	172kg / 146kg

Note: Equipped with seporate steam generator, and printer is optional.

# Vertical Pressure Steam Sterilizer

## Use

The vertical pressure steam sterilizers are assembled with heating system, micro-computer controlled system, over heat and over pressure protection system, which are reliable for the sterilizing effects, convenient of operation and energy conservation. They are ideal equipments for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabrics, glasses, culture media etc.

## Characteristics

- ◆ Fully automatically, no need for supervision, easy to use.
- ◆ Touch key, self-define of the sterilizing data.
- ◆ Hand wheel type of quick-open door structure, self-inflating type seal, and with door safety lock system.
- ◆ Equiped with electric pressure temperature controller, constant voltage and temperature can be automatically kept when the unit reach the setting parameter.
- ◆ Rapid sterilizing, only required 4~6 mins.
- ◆ The sterilizing drum made of high quality stainless steel.
- ◆ Over temperature and over pressure self protection: if the inner pressure is over 0.245MPa, the safety valve will be turn on automatically.
- ◆ The full unit is made of nice quality stainless steel, and stand well.
- ◆ Adopted with immersed heating, with high heating efficiency.
- ◆ Self protection of water lacking.
- ◆ Automatically shut off with beep reminding after sterilization.

## Technical Data

MODEL	LS-28HD
Technical Data	28L
Chamber volume	φ 270 × 500 mm
Working pressure	0.22MPa
Working temperature	134℃
Heat average	≤ ± 1℃
Timer range	0 ~ 99min
Temperature adjust range	105 ~ 134℃
Power	2 KW/AC220V.50HZ
Overall dimension(mm)	440 × 420 × 750
Transport dimension(mm)	490 × 480 × 760
G.W/N.W	28kg / 25kg





LS Series Vertical Pulse Vacuum Steam Sterilizer

Elevating-type



Characteristics

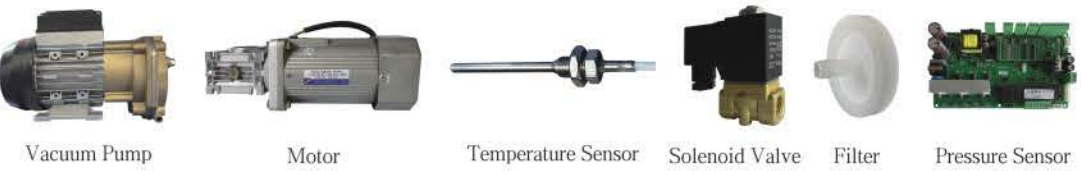
- ◆ 7" capacitive touch screen, fully automatically controlled, easy to operate on.
- ◆ Elevating type door, which is more convenient to place and fetch the articles from the autoclave.
- ◆ The whole procedure from water inlet, pulse vacuum, heat, sterilizing, drainage, exhausting to vacuum drying, which are all automatically by one-key operation.
- ◆ Pulse vacuum, the limit is -0.080MPa, which ensure the sterilizing more completely.
- ◆ Separated steam generator, which is more energy saving by comparing to the normal heating and prevent the sterilizing articles from been oxidized.
- ◆ There are several programs loaded in the autoclaves for different requirement of different articles.
- ◆ With PT-TT testing port, easy to run the testing.
- ◆ Equipped with Germany SARTORIUS Sterile ventilation filter MIDISART 2000 0.20μm, which ensure the air is sterile, prevent the contamination.
- ◆ Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.



Technical Data

MODEL	LS-60SV	LS-80SV	LS-100SV	LS-120SV
Technical Data				
Chamber volume	60L φ 396 × 490mm	80L φ 396 × 650mm	100L φ 480 × 560mm	120L φ 480 × 660mm
The height after rising(mm)	1310	1590	1475	1565
Working pressure	0.22MPa			
Working temperature	134℃			
Heat average	≤ ± 1℃			
Timer range	0~99min			
Temperature adjust range	105~134℃			
Power	Steam generator: 3KW, Dry blanket: 2.4KW/AC220V.50Hz		Steam generator: 3.6KW, Dry blanket: 2.4KW/AC220V.50Hz	
Overall dimension(mm)	686 × 556 × 913	686 × 556 × 1035	840 × 600 × 970	840 × 600 × 1060
Transport dimension(mm)	786 × 656 × 1013	786 × 656 × 1135	940 × 610 × 1000	940 × 610 × 1075
G.W/N.W	210kg / 180kg	230kg / 200kg	270kg / 218kg	252kg / 227kg

Main Spareparts



\* Products with invention patents

## Vertical Pressure Steam Sterilizer



### Use

The vertical pressure steam sterilizers are assembled with heating system, micro-computer controlled system, over heat and over pressure protection system, which are reliable for the sterilizing effects, convenient of operation and energy conservation. They are ideal equipments for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabrics, glasses, culture media etc.

### Characteristics

- ◆ Indicator light indicates working state.
- ◆ Over-temperature & over-pressure auto-protection device.
- ◆ Double scale indication pressure gauge.
- ◆ Safe protection of water lacking.
- ◆ With the below exhaust structure,which is convenient to exhaust the cold air.
- ◆ Automatically shut off with beep reminding after sterilization.
- ◆ Fully stainless steel structure.
- ◆ Easy to operate,safe and reliable.
- ◆ With two stainless steel sterilizing baskets.



## Vertical Pressure Steam Sterilizer

### Technical Data

MODEL	LS-B35L	LS-B50L	LS-B75L	LS-B100L	LS-B120L	LS-B150L
Technical Data						
Chamber volume	35L φ 318 × 450mm	50L φ 340 × 550mm	75L φ 400 × 600mm	100L φ 440 × 650mm	120L φ 480 × 660mm	150L φ 510 × 740mm
Working pressure	0.22MPa					
Working temperature	134℃					
Max. working pressure	0.23MPa					
Heat average	≤ ± 1℃					
Timer range	0~60min					
Temperature adjust range	105~134℃					
Power	2.5KW/AC220V.50Hz	3KW/AC220V.50Hz	4.5KW/AC220V.50Hz		6KW/AC220V.50Hz	
Overall dimension(mm)	480 × 460 × 850	520 × 520 × 980	560 × 560 × 980	590 × 590 × 1080	600 × 640 × 1140	670 × 690 × 1130
Transport dimension(mm)	540 × 540 × 970	580 × 580 × 1090	610 × 610 × 1110	640 × 640 × 1170	690 × 690 × 1240	730 × 730 × 1230
G.W/N.W	61kg / 46kg	73kg / 56kg	87kg / 67kg	95kg / 73kg	116kg / 100kg	130kg / 111kg



# Vertical Pressure Steam Sterilizer

LCD display automation



## Use

The vertical pressure steam sterilizers are assembled with heating system, micro-computer controlled system, over heat and over pressure protection system, which are reliable for the sterilizing effects, convenient of operation and energy conservation. They are ideal equipments for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabrics, glasses, culture media etc.

## Characteristics

- ◆ Fully stainless steel structure.
- ◆ Hand wheel type of quick-open door structure.
- ◆ Door safety lock system.
- ◆ LCD display of working status, touch type key.
- ◆ Auto discharge the cool air, and steam discharge automatically 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.
- ◆ Easy to operate, safe and reliable.
- ◆ With two stainless steel sterilizing baskets.
- ◆ Optional drying system.

## Technical Data

MODEL				
Technical Data	LS-B35L-I-A	LS-B50L-I-A	LS-B75L-I-A	LS-B100L-I-A
Chamber volume	35L φ 318 × 450mm	50L φ 340 × 550mm	75L φ 400 × 600mm	100L φ 440 × 650mm
Working pressure	0.22MPa			
Working temperature	134℃			
Max. working pressure	0.23MPa			
Heat average	≤ ± 1℃			
Timer range	0~99min or 0~99hour59min			
Temperature adjust range	105~134℃			
Power	1 × 2.5KW/AC220V.50Hz	2 × 1.5KW/AC220V.50Hz	3 × 1.5KW/AC220V.50Hz	
Overall dimension(mm)	470 × 450 × 1020	520 × 490 × 1150	550 × 530 × 1180	580 × 560 × 1290
Transport dimension(mm)	540 × 540 × 1140	580 × 580 × 1250	610 × 610 × 1280	640 × 640 × 1360
G.W/N.W	81kg / 63kg	94kg / 74kg	113kg / 93kg	131kg / 105kg

# Vertical Pressure Steam Sterilizer

LED display automation



## Use

The vertical pressure steam sterilizers are assembled with heating system, micro-computer controlled system, over heat and over pressure protection system, which are reliable for the sterilizing effects, convenient of operation and energy conservation. They are ideal equipments for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabrics, glasses, culture media etc.

## Characteristics

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

## Technical Data

MODEL						
Technical Data	LS-B35L-A	LS-B50L-A	LS-B75L-A	LS-B100L-A	LS-B120L-A	LS-B150L-A
Chamber volume	35L φ 318 × 450mm	50L φ 340 × 550mm	75L φ 400 × 600mm	100L φ 440 × 650mm	120L φ 480 × 660mm	150L φ 510 × 740mm
Working pressure	0.22MPa					
Working temperature	134℃					
Max. working pressure	0.23MPa					
Heat average	≤ ± 1℃					
Timer range	0~99min or 0~99hour59min					
Temperature adjust range	105~134℃					
Power	1 × 2.5KW/AC220V.50Hz	2 × 1.5KW/AC220V.50Hz	3 × 1.5KW/AC220V.50Hz		3 × 2.0KW/AC220V.50Hz	
Overall dimension(mm)	470 × 450 × 840	520 × 500 × 970	550 × 530 × 990	580 × 560 × 1060	630 × 610 × 1130	660 × 640 × 1130
Transport dimension(mm)	540 × 540 × 970	580 × 580 × 1090	610 × 610 × 1110	640 × 640 × 1170	690 × 690 × 1240	730 × 730 × 1230
G.W/N.W	61kg / 46kg	73kg / 56kg	87kg / 67kg	95kg / 73kg	116kg / 100kg	130kg / 111kg

## Vertical Pressure Steam Sterilizer



### Use

The vertical pressure steam sterilizers are assembled with heating system, micro-computer controlled system, over heat and over pressure protection system, which are reliable for the sterilizing effects, convenient of operation and energy conservation. They are suitable for sterilizing equipment, dressings, containers, liquids, culture medium, waste, etc. in hospitals, disease control centers, P2 biological laboratories and blood stations, etc. of scientific research institutes.

### Characteristics

- ◆ Fully stainless steel structure.
- ◆ Hand wheel type of quick-open door structure.
- ◆ Door safety lock system.
- ◆ Automatically controlled by computer.
- ◆ LCD display of working status, touch type key.
- ◆ Over temperature & over pressure auto-protection.
- ◆ The internal steam/water circulation system is equipped with an exhaust cooling system, which avoids the generation of aerosols, and does not discharge steam to the outside. Therefore, the working environment is clean and dry.
- ◆ Self-inflating type seal.
- ◆ Safe protection of water lacking.
- ◆ Automatically shut off with beep reminding after sterilization.
- ◆ With two stainless steel sterilizing baskets.
- ◆ A high-efficiency filter is added to the exhaust to ensure the safety of the environment and operators.
- ◆ Optional drying system.

Fully automatic circulation  
(specifically use for  
clinical laboratory)



## Vertical Pressure Steam Sterilizer

### Technical Data

MODEL				
Technical Data	LS-B35L-II	LS-B50L-II	LS-B75L-II	LS-B100L-II
Chamber volume	35L φ 318 × 450mm	50L φ 340 × 550mm	75L φ 400 × 600mm	100L φ 440 × 650mm
Working pressure	0.22MPa			
Working temperature	134℃			
Max. working pressure	0.23MPa			
Heat average	≤ ± 1℃			
Timer range	0~99min or 0~99hour59min			
Temperature adjust range	0~134℃			
Power	1 × 2.5KW/AC220V.50Hz	2 × 1.5KW/AC220V.50Hz	3 × 1.5KW/AC220V.50Hz	
Overall dimension(mm)	470 × 450 × 1020	710 × 465 × 1150	750 × 510 × 1250	750 × 510 × 1250
Transport dimension(mm)	710 × 490 × 1130	740 × 550 × 1280	780 × 600 × 1380	780 × 600 × 1380
G.W/N.W	104kg / 85kg	122kg / 99kg	146kg / 120kg	148kg / 122kg



# Table Top Pulse Vacuum Steam Sterilizer



## Use

The table type sterilizers are safely auto-controlled, which are designed for the dental clinics, hospitals, school lab, scientific research institutions and laboratory. And mostly suitable for sterilizing of surgical, dental and eye instruments, glassware medicine, culturemedium and biological dressing, food, etc.

## Characteristics

- ◆ Standard Class B with three times vacuum and drying, the remaining temperature of sterilized instrumentis less than 0.2%.
- ◆ LCD display working status, touch keys.
- ◆ The vacuum data can reach -0.8bar, it fits various instrument, including package, unpackaged, solid, hollow, multi-apertures and inset pipes. It makes sure the instrument can be sterilized completely.
- ◆ Fully computer controlled LCD display bright show. The interface is modularized panel for easy operation.
- ◆ It is installed with BOWIE&DICK which measures the penetration of water steam.
- ◆ It has vacuum test which can make sure the ability of vacuum testing.
- ◆ Fast and independent steam generator.
- ◆ Built-in mini printer which can record the sterilizing information.
- ◆ Equipped with Safety valve, Safety lock door system, Pressure lock system, Pressure or temperature overload protection, Alarm system.
- ◆ It inactivates the HIV, HBV, BSE, and bacillus efficiently.

## Technical Data

MODEL		
Technical Data	TM-35DV	TM-50DV
Sterilizing chamber volume	35L φ 300 × 500mm	50L φ 340 × 550mm
Working pressure	0.22MPa	
Working temperature	134℃	
Temperature adjust range	105~134℃	
Timer range	0~99 min	
Heat average	≤ ± 1℃	
Power	AC220V,50Hz / 2.7KW	
Dimension(mm)	550 × 850 × 500	600 × 850 × 560
Exterior package dimension(mm)	690 × 860 × 700	690 × 900 × 700
G.W/N.W	103kg / 97kg	125kg / 110kg

# Horizontal Pulse Vacuum Steam Sterilizer



## Use

The sterilizer works on pressurized saturated steam for sterilization of items, eliminating the impact of cold air on the temperature by means of pulsating vacuum exhaust, and eventually drying the items by vacuum dehumidification realized in a jacket. It utilizes the physical property that pressurized saturated steam can release a large amount of latent heat when condensing, rendering the items to be sterilized under high temperature and humidity. The purpose of sterilization is attained after a period during which the bio-structure of all the germs in the items are completely destroyed. It is mainly used in hospitals, chemical industry, food, scientific research, pharmaceutical and other units for disinfection and sterilization of surgical instruments, dressings, medicines, culture medium, food, etc.

## Characteristics

- ◆ Automatically controlled the sterilizing process, easy to operate.
- ◆ With three or more pulsating vacuums, it is suitable for all kinds of packaged, unpackaged, porous instruments with internal pipelining system.
- ◆ The sterilizer is equipped with a steam generator, with a set of mobile sterilization trays.
- ◆ The inner chamber of the sterilizer is a circular double-layer design, which is composed of a sterilization chamber and a jacket, and capable of deep drying.
- ◆ With printing function and the printer can record the whole process of sterilization.
- ◆ With Bowie&Dick test function for steam penetration test. Automatic fault detection is also enabled, which is convenient for self-maintenance.
- ◆ With over-temperature, over-pressure auto-protect.
- ◆ The door can not be open until the pressure in the chamber is reduced to 0.027MPa. And the unit can not be started on if the door doesn't close well.
- ◆ The safety valve will be open automatically when the inner pressure over 0.24MPa and the steam would be exhausted the water tank.
- ◆ Automatically cut off the power if the water-lack happened, and alarm at the meanwhile.
- ◆ Sealed doors: Doors are opened and closed manually, using the radiation rod turntable type, equipped with secondary self-locking and interlocking safety devices, single door design (double-door design optional), with pressure safety interlocking device.
- ◆ The chamber of the sterilizer is made of stainless steel.

## Technical Data

MODEL				
Technical Data	WS-100YV	WS-150YV	WS-200YV	WS-300YV
Sterilizing chamber volume	100L φ 440 × 670mm	150L φ 440 × 1000mm	200L φ 515 × 1000mm	300L φ 600 × 1080mm
Working pressure	0.22MPa			
Working temperature	134℃			
Temperature adjust range	115~134℃			
Time for sterilization	0~99min			
Time for drying	0~99min			
Heat average	≤ ± 2℃			
Vacuum limit	-0.08MPa			
Power	10KW/AC380V,50Hz	10KW/AC380V,50Hz	10KW/AC380V,50Hz	13KW/AC380V,50Hz
Dimension(mm)	1400 × 660 × 1640	1400 × 660 × 1640	1400 × 750 × 1740	1520 × 850 × 1850
Transport dimension(mm)	1560 × 820 × 1820	1560 × 820 × 1820	1560 × 910 × 1880	1680 × 1080 × 2100
G.W/N.W	430kg / 376kg	458kg / 404kg	505kg / 440kg	613kg / 528kg

Table Top Steam Sterilizer



Use

The table type sterilizers are safely auto-controlled, which are designed for the dental clinics, hospitals, school lab, scientific research institutions and laboratory. And mostly suitable for sterilizing of surgical, dental and eye instruments, glassware medicine, culturemedium and biological dressing, food, etc.

Characteristics

- ◆ Sterilizing course: Automatic sterilization controlled by computer, easy to operate.
  - ◆ Maximum temperature: 134℃, suitable for 4–6 minutes flash sterilizing.
  - ◆ Safe protection of water lacking.
- ◆ With over heat and over pressure protection.
  - ◆ After sterilization it will automatically cut the power and then alarm.
  - ◆ Fully stainless steel structure.



Table Top Steam Sterilizer

Technical Data

Technical Data	MODEL	
	TM-T16J	TM-T24J
Sterilizing chamber volume	16L φ250×360mm	24L φ270×410mm
Working pressure	0.22MPa	
Working temperature	134℃	
Temperature adjust range	105~134℃	
Timer range	0~60min	
Heat average	≤±1℃	
Power	1.5KW / AC220V .50Hz	
Sterilizing plate(mm)	340×200×30(3piece)	
Dimension(mm)	545×328×423	560×350×500
Exterior package dimension(mm)	620×410×570	620×410×570
G.W/N.W	17kg / 15kg	20kg / 18kg



Table Top  
Steam Sterilizer



Use

The table type sterilizers are safely auto-controlled, which are designed for the dental clinics, hospitals, school lab, scientific research institutions and laboratory. And mostly suitable for sterilizing of surgical, dental and eye instruments, glassware medicine, culturemedium and biological dressing, food, etc.

Characteristics

- ◆ Indicator light indicates working state.
- ◆ For 4~6 minutes rapidly sterilizing.
- ◆ Sterilizing temperature and time can be preset.
- ◆ Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.
- ◆ Over temperature & over pressure auto-protection.
- ◆ Safe protection of water lacking.
- ◆ Exhaust the cool air automatically.
- ◆ With three stainless steel sterilizing plates.
- ◆ The chamber of the sterilizer is made of stainless steel.
- ◆ Automatically shut off with beep reminding after sterilization.

Technical Data

MODEL	TM-XB20J	TM-XB24J
Technical Data		
Sterilizing chamber volume	20L φ 250 × 420mm	24L φ 250 × 520mm
Working pressure	0.22MPa	
Working temperature	134℃	
Temperature adjust range	105~134℃	
Timer range	0~60min	
Heat average	≤ ± 1℃	
Power	1.5KW / AC220V.50Hz	2KW / AC220V.50Hz
Sterilizing plate(mm)	340 × 200 × 30(3piece)	400 × 200 × 30(3piece)
Dimension(mm)	620 × 480 × 400	710 × 480 × 400
Exterior package dimension(mm)	700 × 580 × 500	800 × 580 × 500
G.W/N.W	44kg / 40kg	50kg / 45kg

Table Top Pulse Vacuum  
Steam Sterilizer



Use

The table type sterilizers are safely auto-controlled, which are designed for the dental clinics, hospitals, school lab, scientific research institutions and laboratory. And mostly suitable for sterilizing of surgical, dental and eye instruments, glassware medicine, culturemedium and biological dressing, food, etc.

Characteristics

- ◆ Standard Class B with three times vacuum and drying, the remaining temperature of sterilized instrumentis less than 0.2%.
- ◆ LCD display working status, touch keys.
- ◆ The vacuum data can reach −0.8bar, it fits various instrument, including package, unpackaged, solid, hollow, multi-apertures and inset pipes. It makes sure the instrument can be sterilized completely.
- ◆ Fully computer controlled LCD display bright show. The interface is modularized panel for easy operation.
- ◆ It is installed with BOWIE&DICK which measures the penetration of water steam.
- ◆ It has vacuum test which can make sure the ability of vacuum testing.
- ◆ Fast and independent steam generator.
- ◆ Built-in mini printer which can record the sterilizing information.
- ◆ Equipped with Safety valve, Safety lock door system, Pressure lock system, Pressure or temperature overload protection, Alarm system.
- ◆ It inactivates the HIV, HBV, BSE, and bacillus efficiently.
- ◆ This product is designed for open water tank, water purification, sewage tank separation, convenient and intuitive.

Technical Data

MODEL	TM-12DV	TM-20DV	TM-24DV
Technical Data			
Sterilizing chamber volume	12L φ 200 × 370mm	18L φ 250 × 360mm	24L φ 250 × 470mm
Working pressure	0.22MPa		
Working temperature	134℃		
Temperature adjust range	105~134℃		
Timer range	0~99 min		
Heat average	≤ ± 1℃		
Power	AC220V.50Hz / 1.8KW	AC220V.50Hz / 2KW	AC220V.50Hz / 2KW
Dimension(mm)	480 × 600 × 400	480 × 680 × 455	480 × 680 × 455
Exterior package dimension(mm)	580 × 790 × 580	580 × 790 × 580	580 × 790 × 580
G.W/N.W	48kg / 43 Kg	56kg / 47kg	57kg / 53kg

Table Top  
Steam Sterilizer



Use

The table type sterilizers are safely auto-controlled, which are designed for the dental clinics, hospitals, school lab, scientific research institutions and laboratory. And mostly suitable for sterilizing of surgical, dental and eye instruments, glassware medicine, culturemedium and biological dressing, food, etc.

Characteristics

- ◆ For 4~6 minutes rapidly sterilizin.
  - ◆ Digital display of working status, touch type key.
  - ◆ With 3 fixed cycles of sterilizing program and adjustable for user.
  - ◆ The whole process of water adding, temperaturerising, sterilizing, drying steam discharging controlled automatically.
  - ◆ Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.
- ◆ Safe protection of water lacking.
  - ◆ Exhaust the cool air automatically.
  - ◆ Door safety lock system.
  - ◆ With four stainless steel sterilizing plates.
  - ◆ The chamber of the sterilizer is made of stainless steel.
  - ◆ Automatically shut off with beep reminding after sterilization.
  - ◆ With drying function.

Technical Data

MODEL	TM-XD20D	TM-XD24D
Technical Data		
Sterilizing chamber volume	20L φ 250 × 420mm	24L φ 250 × 520mm
Working pressure	0.22MPa	
Working temperature	134℃	
Temperature adjust range	105~134℃	
Timer range	0~99min	
Heat average	≤ ± 1℃	
Power	1.5KW / AC220V.50Hz	2KW / AC220V.50Hz
Sterilizing plate(mm)	340 × 200 × 30(3piece)	400 × 200 × 30(3piece)
Dimension(mm)	480 × 680 × 455	480 × 680 × 455
Exterior package dimension(mm)	580 × 790 × 560	580 × 790 × 560
G.W/N.W	53kg / 48kg	54kg / 49kg

Table Top  
Steam Sterilizer



Use

The table type sterilizers are safely auto-controlled, which are designed for the dental clinics, hospitals, school lab, scientific research institutions and laboratory. And mostly suitable for sterilizing of surgical, dental and eye instruments, glassware medicine, culturemedium and biological dressing, food, etc.

Characteristics

- ◆ For 4~6 minutes rapidly sterilizin.
  - ◆ Digital display of working status, touch type key.
  - ◆ With 3 fixed cycles of sterilizing program and adjustable for user.
  - ◆ The whole process of water adding, temperaturerising, sterilizing, drying steam discharging controlled automatically.
  - ◆ Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.
- ◆ Safe protection of water lacking.
  - ◆ Exhaust the cool air automatically.
  - ◆ Door safety lock system.
  - ◆ With four stainless steel sterilizing plates.
  - ◆ The chamber of the sterilizer is made of stainless steel.
  - ◆ Automatically shut off with beep reminding after sterilization.
  - ◆ With drying function.

Technical Data

MODEL	TM-XD35D	TM-XD50D
Technical Data		
Sterilizing chamber volume	35L φ 300 × 500mm	50L φ 340 × 550mm
Working pressure	0.22MPa	
Working temperature	134℃	
Temperature adjust range	105~134℃	
Timer range	0~99min	
Heat average	≤ ± 1℃	
Power	2.7KW / AC220V.50Hz	
Sterilizing plate(mm)	400 × 200 × 30(4piece)	500 × 250 × 30(4piece)
Dimension(mm)	730 × 550 × 510	770 × 600 × 540
Exterior package dimension(mm)	780 × 670 × 650	840 × 710 × 690
G.W/N.W	92kg / 78kg	105kg / 89kg



# WG Series Lifting Door Pulse Vacuum Autoclave



WG series pulsating vacuum sterilizer uses saturated steam as the sterilization medium, which would completely penetrate into the surface of the articles through pulsating vacuum, and all the microorganisms and their spores would be killed by it under high pressure. It is the most reliable and effective method in physical sterilization. Pulsating vacuum exhaust eliminates the influence of cold air on temperature, finally the sterilizing articles are dried by vacuum dehumidification combined with jacket.

WG series pulsating vacuum sterilizer can be widely used in pharmaceutical, bioengineering, medical health, scientific research and other fields. It is applied to sterilizing the articles with high grade requirements, such as sterile clothes, medical cages, tools, instruments, rubber, liquid, medical dressing and so on.

## Structure and Characteristic of the Equipment

- ◎ The Lifting door structure with removable–racks is motor chain driven with anti–pinch function, which guarantees more operation and installation space, is convenient for the loading and unloading for the articles.
- ◎ The two lifting doors are with pressure safety interlock, the liquid program is specially with temperature safety interlock. The two doors are interlocked.
- ◎ The inflation pressure drives the sealing ring to realize automatic sealing. The new high–quality high tear resistant silicone rubber circular hollow sealing ring has a special coating treatment on the surface, which is wear–resistant and smooth. It has better sealing effect and longer service life, with a service life of up to 1500 cycles.
- ◎ The main rectangular structure is with European ring type jacket with reinforcing ribs. The sealing groove is directly welded on the annular jacket at both ends (Getinge structure).
- ◎ Control system: Siemens PLC and color touch screen, the whole process is automatically controlled by program, and the operating process status, temperature, pressure, time and other parameters are automatically displayed.
- ◎ Traceability system: it has a communication interface connected with the quality traceability system of the disinfection supply center, and provides a software communication protocol connected with the traceability system.
- ◎ It is equipped with sterilization procedures such as sterile clothes, tools and instruments, rubber, liquid, culture medium, waste and custom procedures, as well as BD test, vacuum leakage test and other test procedures.
- ◎ The process data is printed in real time through the built–in micro needle printer, and a paperless recorder is equipped.
- ◎ Intelligent maintenance system (optional): Equipped with remote monitoring and maintenance module, which can realize remote monitoring and remote software upgrading of equipment operation.
- ◎ Independent steam inlet design is optional for the customer, the steam would not pass through the jacket to avoid the pollution from the carton steel, and prevent the drying effected frm the jacket pressure drops.
- ◎ Pipeline system: stainless steel sanitary pipeline with clamp joints, are all welded by automatic pipe welder. German GEMUE angle seat valve, Taiwan Airtac solenoid valve, German SPECK direct–connected water ring vacuum pump.
- ◎ Water saving and noise reduction system (optional): Can reduce the circulating water consumption of vacuum pump by 30% and reduce the noise of vacuum pump.
- ◎ Automatic drain device (optional): Jacket automatic control drain device and inner chamber are equipped with automatic control drain device to automatically detect the temperature and pressure of jacket and inner chamber to drain automatically to ensure the saturation of steam.
- ◎ With automatic drainage temperature regulation system, drainage temperature ≤ 55 °C.
- ◎ Air filter: the filtration accuracy is ≤ 0.22 μm, and the sterilization rate reaches 99.97%.



## Main Parameters and Utilities

Designed Pressure of Inner Chamber	–0.1 ~ 0.3MPa	Opening Pressure for Inner Chamber’s Safety Valve	0.28MPa
Designed Pressure of Jacket	0.3MPa	Opening Pressure for Jacket’s Safety Valve	0.28MPa
Designed Temperature	150℃	Precision of Sterilization Temperature Control	0~2℃
Maximum Working Temperature	139℃	Temperature Uniformity	± 0.5℃
Maximum Working Pressure	0.25MPa	Negative Pressure Pulsation Vacuum Amplitude and Times	Amplitude –80~0KPa, Times 1~99
Vacuum Leakage Rate	≤0.13KPa/min	Times of Pulses Across Pressure	Amplitude –80~80KPa, Times 1
Ultimate Vacuum	–96KPa	Times of Positive Pressure Pulses	1 ~ 3

## Size & Utilities

Model	Size of Liner		Volume (L)	Overall Size L × W × H(mm)	Weight (Kg)	Steam Consumption (Kg/C)	Power Supply	Power
	W × H(mm)	Depth(mm)						
WG–0.15 S(F)	450 × 450	750	150	1050 × 1200 × 1750	550	12	380V, 50HZ	2KW + ⑫KW
WG–0.25 S(F)	550 × 550	850	250	1150 × 1300 × 1800	850	18	380V, 50HZ	2KW + ②④KW
WG–0.3 S(F)	550 × 550	1000	300	1300 × 1300 × 1800	850	18	380V, 50HZ	2KW + ③⑩KW
WG–0.36 S(F)	610 × 610	1000	360	1300 × 1350 × 1900	950	22	380V, 50HZ	2KW + ③⑩KW
WG–0.45 S(F)	652 × 700	1000	450	1300 × 1350 × 1950	1050	30	380V, 50HZ	2KW + ③⑩KW
WG–0.6 S(F)	652 × 700	1320	600	1620 × 1350 × 1950	1150	36	380V, 50HZ	2KW + ③⑥KW
WG–0.8 S(F)	652 × 700	1750	800	2050 × 1350 × 1950	1350	45	380V, 50HZ	2KW + ④⑧KW

Note: ⑫ ②④ ③⑩ ③⑥ ④⑧ represent the power of the built–in steam generator (optional)



## WG Series Pulse Vacuum Autoclave



WG series pulsating vacuum sterilizers use saturated steam as the sterilizing medium, by relying on the physical property that the saturated steam can release a large amount of latent heat and moisture during condensation, it renders items to be sterilized in a highly heated and humid state. After a period of heat preservation, the purpose of sterilization is achieved. The effect of cold air on temperature is eliminated by means of pulsating vacuum exhaust, finally the items drying is realized by the vacuum dehumidification combined with jacket.

WG series pulsating vacuum sterilizers are mainly used in central sterile supply department, third-party disinfecting supply centers, and operating rooms, where medical devices, dressings, rubber, lumen devices, implantable devices, and liquids are sterilized.

### Structure and Characteristic of the Equipment

**Body of the sterilizer:** ☉ Designing, manufacturing and inspection are performed according to GB/T 150 "Pressure Vessel", GB 8599 "Technical Requirements for Large Steam Sterilizer Automatic Control Type" and TSG 21-2016 "Stationary Pressure Vessel Safety Technical Supervision Regulations".

☉ The main structure is of a rectangular cross section with European ring-type jacket with reinforcing ribs. The doors are pneumatically sealed, and the two doors are interlocked, which fully meets the specific requirements.

☉ The materials that come into contact with steam such as the interior liner and door panels are all S30408 stainless steel, with a designed service life up to 10 years and 20,000 sterilization cycles ( 316L stainless steel is the optional material with designed service life of 15 years and 30,000 sterilization cycles). The gear rack and the teeche are made of S30408 stainless steel, and the jacket is made of high-quality Q245R material specific for pressure vessels, with S30408 optional.

☉ With standard GMP authentication interface.

**Piping System:** ☉ 304 stainless steel sanitary pipes, with clamp joints. Adopting GEMU angle seat pneumatic valves imported from Germany, solenoid valves supplied by Taiwan AirTAC and directly connected water ring vacuum pump imported from German SPECK.

☉ (Optional) Smart automatic drainage system, water-conservative noise reduction system and pipeline insulation treatment.

**Controlling System:** ☉ Adopting imported Siemens PLC and colorful touch screens on the operator’ s side; the printer prints the process data of each stage in real time manner; with a variety of safety and alarming systems.

☉ Equipped with a communication interface connected with the quality tracing system of the disinfecting supply center. Intelligent maintenance system, with remote monitoring and maintenance modules (optional).

☉ Double pulsation processes more thoroughly remove the interior air, improving fatigue life of equipment, with excellent drying performance.



### Main Parameters and Utilities

Designed Pressure of Inner Chamber	-0.1 ~ 0.3MPa	Opening Pressure for Inner Chamber’s Safety Valve	0.28MPa
Designed Pressure of Jacket	0.3MPa	Opening Pressure for Jacket’s Safety Valve	0.28MPa
Designed Temperature	150℃	Precision of Sterilization Temperature Control	0~2℃
Maximum Working Temperature	139℃	Temperature Uniformity	± 1℃
Maximum Working Pressure	0.25MPa	Negative Pressure Pulsation Vacuum Amplitude and Times	Amplitude -80~0KPa, Times 1~99
Vacuum Leakage Rate	≤0.13KPa/min	Times of Pulses Across Pressure	Amplitude -80~80KPa, Times 1
Ultimate Vacuum	-97KPa	Times of Positive Pressure Pulses	1 ~ 3

### Size & Utilities

Model	Size of Liner		Volume (m <sup>3</sup> )	Overall Size L × W × H(mm)	Weight (Kg)	Steam Consumption (Kg/C)	Tap Water Consumption (Kg/C)	Power Supply	Power
	W × H(mm)	Depth(mm)							
WG-0.25JS(F)	550 × 550	845	0.25	1136 × 1310 × 1880	750	18	120	380V, 50HZ	2KW + ㉔KW
WG-0.36JS(F)	610 × 610	1000	0.36	1320 × 1350 × 1930	850	22	180	380V, 50HZ	2KW + ㉔KW
WG-0.6JS(F)	610 × 910	1150	0.6	1470 × 1410 × 2100	1250	35	320	380V, 50HZ	3KW + ㉔KW
WG-0.8JS(F)	610 × 910	1490	0.8	1820 × 1410 × 2100	1350	47	400	380V, 50HZ	3.5KW + ㉔KW
WG-1.0JS	610 × 910	1815	1.0	2250 × 1410 × 2100	1550	55	500	380V, 50HZ	3.5KW + ㉔KW
WG-1.2JS	680 × 1180	1490	1.2	1820 × 1490 × 2050	1650	65	600	380V, 50HZ	3.5 KW
WG-1.5JS	680 × 1180	1900	1.5	2220 × 1490 × 2050	1850	80	750	380V, 50HZ	4 KW
WG-2.0JS	900 × 1380	1650	2.0	1990 × 1860 × 2230	2300	106	1000	380V, 50HZ	4.5KW
WG-2.5JS	900 × 1380	2000	2.5	2360 × 1860 × 2230	2700	132	1250	380V, 50HZ	6KW
WG-3.0JS	900 × 1380	2494	3.0	2830 × 1860 × 2230	3500	160	1500	380V, 50HZ	8KW
WG-4.0JS	900 × 1380	3250	4.0	3580 × 1860 × 2230	4500	215	2000	380V, 50HZ	8KW

Note: ㉔ ㉔ ㉔ ㉔ ㉔ represent the power of the built-in steam generator (optional)



# Horizontal Pressure Steam Sterilizer



## Use

The horizontal autoclave, which adopte the way of gravity exchange to release the cold air from the chamber more completely to ensure the reliable sterilization. The control system automatically adjust the steam inlet and outlet according to chamber temperature during sterilizing. This unit is an ideal equipment for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabric glassed, and the culture media etc.

## Characteristics

- ◆ Automatially controlled the sterilizing process, easy to operate.
  - ◆ With drying function, suitable for the medical dressing drying.
  - ◆ With over-temperature, over-pressure auto-protect.
  - ◆ The door can not be open until the pressure in the chamber is reduced to 0.027MPa. And the unit can not be started on if the door doesn't close well.
- ◆ The safety valve will be open automatically when the inner pressure over 0.24MPa and the steam would be exhausted the water tank.
  - ◆ Automatically cut off the power if the water-lack happened, and alarm at the meanwhile.
  - ◆ The chamber of the sterilizer is made of stainless steel.



# Horizontal Pressure Steam Sterilizer

## Technical Data

MODEL					
Technical Data	WS-150YDA	WS-200YDA	WS-280YDA	WS-400YDA	WS-500YDA
Sterilizing chamber volume	150L φ 440 × 1000mm	200L φ 515 × 1000mm	280L φ 600 × 1000mm	400L φ 700 × 1100mm	500L φ 700 × 1300mm
Working pressure	0.22MPa				
Working temperature	134℃				
Temperature adjust range	40~134℃				
Time for sterilization	0~60min				
Time for drying	0~60min				
Heat average	≤ ± 2℃				
Power	9KW/380V.50Hz	9KW/380V.50Hz	12KW/380V.50Hz	18KW/380V.50Hz	18KW/380V.50Hz
Dimension(mm)	1350 × 600 × 1520	1400 × 670 × 1650	1400 × 770 × 1780	1430 × 880 × 1830	1800 × 900 × 1820
Transport dimension(mm)	1560 × 750 × 1850	1560 × 820 × 1930	1680 × 920 × 1950	1600 × 1050 × 2050	1850 × 1050 × 2050
G.W/N.W	320kg / 278kg	378kg / 318kg	465kg / 391kg	530kg / 456kg	627kg / 540kg

# Horizontal Pressure Steam Sterilizer

## Microcomputer control



## Use

The horizontal autoclave, which adopte the way of gravity exchange to release the cold air from the chamber more completely to ensure the reliable sterilization. The control system automatically adjust the steam inlet and outlet according to chamber temperature during sterilizing. This unit is an ideal equipment for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabric glassed, and the culture media etc.

## Characteristics

- ◆ Automatially controlled the sterilizing process, easy to operate.
- ◆ With drying function, suitable for the medical dressing drying.
- ◆ With over-temperature, over-pressure auto-protect.
- ◆ The door can not be open until the pressure in the chamber is reduced to 0.027MPa. And the unit can not be started on if the door doesn't close well.
- ◆ The safety valve will be open automatically when the inner pressure over 0.24MPa and the steam would be exhausted the water tank.
- ◆ Automatically cut off the power if the water-lack happened, and alarm at the meanwhile.
- ◆ The chamber of the sterilizer is made of stainless steel.
- ◆ With printer.

## Technical Data

MODEL	WS-150YDB	WS-200YDB	WS-280YDB
Technical Data	150L	200L	280L
Sterilizing chamber volume	φ 440 × 1000mm	φ 515 × 1000mm	φ 600 × 1000mm
Working pressure	0.22MPa		
Working temperature	134℃		
Temperature adjust range	40~134℃		
Time for sterilization	0~99min		
Time for drying	0~99min		
Heat average	≤ ± 2℃		
Power	9KW/380V.50Hz	9KW/380V.50Hz	12KW/380V.50Hz
Dimension(mm)	1400 × 650 × 1590	1400 × 750 × 1700	1540 × 850 × 1790
Transport dimension(mm)	1560 × 860 × 1820	1560 × 910 × 1880	1680 × 1060 × 2050
G.W/N.W	422kg / 368kg	469kg / 404kg	577kg / 492kg

# Horizontal Pressure Steam Sterilizer



## Use

The product utilizes saturated steam to rapidly and efficiently sterilize articles. It can be used in hospitals, public health centers, health stations, clinics in factories and mines, scientific research institutes, etc, to sterilize medical equipment, surgical dressings, glass utensils, solutions and substrata. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises.

## Characteristics

- ◆ For 4~6 minutes rapidly sterilizin.
- ◆ Digital display of working status, touch type key.
- ◆ Wit-protection of water lacking.
- ◆ Exhaust the h 3 fixed cycles of sterilizing program and adjustable for user.
- ◆ The whole process of water adding, temperaturerising, sterilizing, drying steam discharging controlled automatically.
- ◆ Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.
- ◆ Safe cool air automatically.
- ◆ Door safety lock system.
- ◆ With 2 stainless steel sterilizing plates.
- ◆ The chamber of the sterilizer is made of stainless steel.
- ◆ Automatically shut off with beep reminding after sterilization.
- ◆ With drying function.

## Technical Data

MODEL	WS-100YDB
Technical Data	100L
Sterilizing chamber volume	φ 390 × 670mm
Working pressure	0.22MPa
Working temperature	134℃
Adjustment of temperature	105~134℃
Timer range	0~99min
Heat average	≤ ± 1℃
Power	9KW/220V.50Hz
Dimension(mm)	930 × 690 × 1330
Package dimension(mm)	1100 × 720 × 1420
G.W/N.W	280kg / 245kg



Horizontal  
Pressure Steam Sterilizer



Use

The horizontal autoclave, which adopte the way of gravity exchange to release the cold air from the chamber more completely to ensure the reliable sterilization. The control system automatically adjust the steam inlet and outlet according to chamber temperature during sterilizing. This unit is an ideal equipment for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabric glassed, and the culture media etc.

Characteristics

- ◆ Automatially controlled the sterilizing process, easy to operate.
- ◆ With drying function, suitable for the medical dressing drying.
- ◆ With over-temperature, over-pressure auto-protect.
- ◆ The door can not be open until the pressure in the chamber is reduced to 0.027MPa. And the unit can not be started on if the door doesn't close well.
- ◆ The safety valve will be open automatically when the inner pressure over 0.24MPa and the steam would be exhausted the water tank.
- ◆ Automatically cut off the power if the water-lack happened, and alarm at the meanwhile.
- ◆ Fully stainless steel structure.

Technical Data

MODEL	WS-150YDC	WS-200YDC	WS-280YDC	WS-400YDC
Technical Data				
Sterilizing chamber volume	150L φ 440×1000mm	200L φ 515×1000mm	280L φ 600×1000mm	400L φ 700×1100mm
Working pressure	0.22MPa			
Working temperature	134℃			
Temperature adjust range	40~134℃			
Time for sterilization	0~60min			
Time for drying	0~60min			
Heat average	≤ ± 2℃			
Power	9KW/380V.50Hz	9KW/380V.50Hz	12KW/380V.50Hz	18KW/380V.50Hz
Dimension(mm)	1350×600×1520	1400×670×1650	1400×770×1780	1430×880×1830
Transport dimension(mm)	1560×750×1850	1560×820×1930	1680×920×1950	1600×1050×2050
G.W/N.W	312kg / 238kg	350kg / 260kg	465kg / 365kg	530kg / 452kg

Horizontal  
Pressure Steam Sterilizer



Use

The horizontal autoclave, which adopte the way of gravity exchange to release the cold air from the chamber more completely to ensure the reliable sterilization. The control system automatically adjust the steam inlet and outlet according to chamber temperature during sterilizing. This unit is an ideal equipment for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabric glassed, and the culture media etc.

Characteristics

- ◆ Automatially controlled the sterilizing process, easy to operate.
- ◆ With drying function, suitable for the medical dressing drying.
- ◆ With over-temperature, over-pressure auto-protect.
- ◆ The door can not be open until the pressure in the chamber is reduced to 0.027MPa. And the unit can not be started on if the door doesn't close well.
- ◆ The safety valve will be open automatically when the inner pressure over 0.24MPa and the steam would be exhausted the water tank.
- ◆ Automatically cut off the power if the water-lack happened, and alarm at the meanwhile.
- ◆ Fully stainless steel structure.
- ◆ With printer.

Technical Data

MODEL	WS-150YDD	WS-200YDD	WS-280YDD
Technical Data			
Sterilizing chamber volume	150L φ 440×1000mm	200L φ 515×1000mm	280L φ 600×1000mm
Working pressure	0.22MPa		
Working temperature	134℃		
Temperature adjust range	40~134℃		
Time for sterilization	0~99min		
Time for drying	0~99min		
Heat average	≤ ± 2℃		
Power	9KW/380V.50Hz	9KW/380V.50Hz	12KW/380V.50Hz
Dimension(mm)	1400×650×1590	1400×750×1700	1540×850×1790
Transport dimension(mm)	1560×860×1820	1560×910×1880	1680×1060×2050
G.W/N.W	430kg / 340kg	436kg / 350kg	570kg / 462kg

Portable  
Pressure Steam Sterilizer

Electric or LPG heated



Use

The product utilizes saturated steam to rapidly and efficiently sterilize articles. It can be used in hospitals, public health centers, health stations, clinics in factories and mines, scientific research institutes, etc, to sterilize medical equipment, surgical dressings, glass utensils, solutions, substrata. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises.

Characteristics

- ◆ Fully stainless steel structure.
- ◆ Hand wheel type of quick–open door structure.
- ◆ Electric or LPG heated.
- ◆ Working pressure: 0.14~0.16MPa.
- ◆ Working temperature:126℃.
- ◆ Double scale indication pressure gauge.
- ◆ Easy to operate, safe and reliable.

Technical Data

MODEL	YX-18HM	YX-24HM
Technical Data		
Sterilizing volume	18L φ 280 × 265mm	24L φ 280 × 390mm
Working pressure	0.14~0.16Mpa	
Working temperature	126℃	
Max. Safety pressure	0.165Mpa	
Power	AC220V.50Hz / 2KW	
Transport dimension(mm)	420 × 420 × 550	420 × 420 × 650
G.W/N.W	13kg / 11kg	15kg / 13kg

Portable  
Pressure Steam Sterilizer



Use

The product utilizes saturated steam to rapidly and efficiently sterilize articles. It can be used in hospitals, public health centers, health stations, clinics in factories and mines, scientific research institutes, etc, to sterilize medical equipment, surgical dressings, glass utensils, solutions, substrata. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises.

Characteristics

- ◆ Fully stainless steel structure.
- ◆ Indicator light indicates working state.
- ◆ Double scale indication pressure gauge.
- ◆ Time scope: 0~60min.
- ◆ Automatically shut off with beep reminding after sterilization.
- ◆ Electric heated.
- ◆ Easy to operate, safe and reliable.

Technical Data

MODEL	YX-280D18	YX-280D24
Technical Data		
Sterilizing volume	18L φ 280 × 260mm	24L φ 280 × 390mm
Working pressure	0.14~0.16Mpa	
Working temperature	126℃	
Temperature adjust range	105~126℃	
Timer range	0~60min	
Max. Safety pressure	0.165Mpa	
Heat average	≤ ± 1℃	
Power	AC220V.50Hz / 2KW	
Transport dimension(mm)	410 × 410 × 520	410 × 410 × 630
G.W/N.W	18kg / 16kg	20kg / 18kg



Portable  
Pressure Steam Sterilizer



Use

The product utilizes saturated steam to rapidly and efficiently sterilize articles. It can be used in hospitals, public health centers, health stations, clinics in factories and mines, scientific research institutes, etc, to sterilize medical equipment, surgical dressings, glass utensils, solutions, substrata. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises.

Characteristics

- ◆ Fully stainless steel structure.
- ◆ Double scale indication pressure gauge.
- ◆ Electric heated.
- ◆ Easy to operate, safe and reliable.

Technical Data

MODEL		
Technical Data	YX-280-18	YX-280-24
Sterilizing volume	18L φ 280 × 260mm	24L φ 280 × 390mm
Working pressure	0.14~0.16MPa	
Working temperature	126℃	
Max. Safety pressure	0.165MPa	
Heat average	≤ ± 1℃	
Power	AC220V.50Hz / 2KW	
Transport dimension(mm)	410 × 410 × 520	410 × 410 × 630
G.W/N.W	18kg / 16kg	19kg / 17kg

Portable  
Pressure Steam Sterilizer



Use

The product utilizes saturated steam to rapidly and efficiently sterilize articles. It can be used in hospitals, public health centers, health stations, clinics in factories and mines, scientific research institutes, etc, to sterilize medical equipment, surgical dressings, glass utensils, solutions, substrata. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises.

Characteristics

- ◆ Fully stainless steel structure.
- ◆ Electric or LPG heated.
- ◆ Working pressure: 0.14~0.16Mpa.
- ◆ Working temperature: 126℃.
- ◆ Double scale indication pressure gauge.
- ◆ Easy to operate, safe and reliable.

Technical Data

MODEL		
Technical Data	YX-280B18	YX-280B24
Sterilizing volume	18L φ 280 × 260mm	24L φ 280 × 390mm
Working pressure	0.14~0.16MPa	
Working temperature	126℃	
Max. Safety pressure	0.165MPa	
Power	AC220V.50Hz / 2KW	
Transport dimension(mm)	410 × 410 × 430	410 × 410 × 550
G.W/N.W	16kg / 14kg	17kg / 15kg

Portable Pressure Steam Sterilizer



Use

The product utilizes saturated steam to rapidly and efficiently sterilize articles. It can be used in hospitals, public health centers, health stations, clinics in factories and mines, scientific research institutes, etc, to sterilize medical equipment, surgical dressings, glass utensils, solutions, substrata. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises.

Characteristics

- ◆ Fully stainless steel structure.
  - ◆ Hand wheel type of quick-open door structure.
  - ◆ LED display of working status, touch type key.
- ◆ Automatically shut off with beep reminding after sterilization.
  - ◆ Electric heated.
  - ◆ Easy to operate, safe and reliable.

LED display automation



Portable Pressure Steam Sterilizer

Technical Data

MODEL		
	YX-280E18	YX-280E24
Technical Data	18L	24L
Sterilizing volume	φ 280 × 260mm	φ 280 × 390mm
Working pressure	0.14~0.16MPa	
Working temperature	126℃	
Temperature adjust range	105~126℃	
Timer range	0~99min	
Max. Safety pressure	0.165MPa	
Heat average	≤ ± 1℃	
Power	AC220V.50Hz / 2KW	
Transport dimension(mm)	420 × 420 × 630	420 × 450 × 750
G.W/N.W	14kg / 12kg	15kg / 14kg



Wall Mounted Electric Distilled Water



General

The device can be mounted on wall, and producing the distil water in lower cost,continuously, automatically and effectively.

Operation: The tap water enters the bottom of the condense pipe and circle along with the pipe and enters the vaporize pan in the end, the height of the overflow be pre-set. The steam in the pipe go down and meat the water go up, thus to make the gas in it.

The steam produced in vaporize pan reached the condense pipe through guide plate. The guide plate be installed as can change direction three times before the steam enters the condense pipe. This way can protection of bring tap water in the distil water, the tap water bring in the distil water is the main cause of chemical of distil water worse. If the working is normal, it can get the water of fyrogen-free. The vaporize, condense, overflow and guide plate inner are made in stainless steel. And the cover outside and the cover of guide plate are made in heat-resistant borosilicate glass, all the electric elements with safety cut off switch.

Technical Data

MODEL	TS-3.5~4.5L/h	
Technical Data		
Power	AC220V~240V/50Hz~60Hz	
Output	3.5~4.5L/h	
Consumption	1.5Kw × 2	
Net weight	7kg/set	
Gross weight	8kg/set	17kg/2set
Dimension	740 × 400 × 140mm/set	760 × 420 × 310mm/2set
Capacity of pan	5.5liter	
PH. Value	5~6	

H2O2 Space Sterilizer



Characteristics

- ◆ Able to carry out multi-angle three-dimensional spraying, 360° omnidirectional disinfection, realizing efficient air blowing.
- ◆ Hydrogen peroxide droplets formed by dry fog technology can suspend in the air for a long time, which performs irregular Brownian motion, ensuring penetration and disinfection effects in complex areas.
- ◆ Hydrogen peroxide droplets formed by dry fog technology will not aggregate to form large droplets, and will rebound after contacting the surface of the object and will not break to moisture the surface. The nature leads to its excellent diffusivity. Sterilizer can then reach small spaces and does not moisture the surface, or corrode equipment, color steel plates and walls.
- ◆ Controlled by micro-controller with 7" LCD screen, the device has built-in calculation software, which can automatically calculate the amount and duration of the spraying without manual calculation needed, and the calculation results are displayed on the screen. Operations can be reserved, and the machine can be timed to turned on. After the spraying is completed, the device can be automatically shut down without the involvement of human efforts.
- ◆ Four H-type ultraviolet tubes are set around the sterilizer, which can improve the disinfection speed and achieve the best disinfection effect.
- ◆ Able to eliminate intestinal pathogenic bacteria, pyogenic coccus, bacteria and spores in the air, and can eliminate up to 6 logarithms.
- ◆ No external air source needed, unique patented nozzle design, and equipped with solvent filter, no risk of clogging the nozzle.
- ◆ Good diffusivity, environmental friendly and non-polluting, non-toxic to personnel and the environment, the final product is water and oxygen, and the US Environmental Protection Agency (EPA) approved hydrogen peroxide vaporization as a type of disinfection method in 2004.

Technical Data

MODEL	DOMI-800
Technical Data	
Power supply	AC 220V 50Hz
Power	600W
Spray quantity	750ml/h
Injection rate	5-265ml/min
Noise	≤45db(A)
Disinfectant	3% H2O2 solution
Dimension	500 × 500 × 1130mm(L × W × H)
Net weight	55kg