

## Portable Autoclave



### USAGE:

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 dressing, glass utensils, solutions, substrata, mushroom cultivation. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises

### FEATURE:

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

### TECHNICAL PARAMETERS:

MODEL	HY-ST18M	HY-ST24M
Sterilizing Volume	18L	24L
	φ280×260mm	φ280×390mm
Working Pressure	0.14-0.16Mpa	
Working Temperature	126°C	
Max. Safety Pressure	0.165Mpa	
Power	2KW	2KW
	AC220V.50HZ or Make as Required	
Transport Dimension (mm)	410×410×430	410×410×550
Total CBM	0.07CBM	0.09CBM
G.W/N.W	16Kg/14Kg	17Kg/15Kg

## Portable Autoclave



### USAGE:

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 dressing, glass utensils, solutions, substrata, mushroom cultivation. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises.

### FEATURE:

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

### TECHNICAL PARAMETERS:

MODEL	HY-ST18L	HY-ST24L
Sterilizing Volume	18L	24L
	φ280×260mm	φ280×390mm
Working Pressure	0.14-0.16Mpa	
Working Temperature	126°C	
Max. Safety Pressure	0.165Mpa	
Power	2KW	2KW
	AC220V.50HZ or Make as Required	
Transport Dimension (mm)	410×410×520	410×410×630
Total CBM	0.09CBM	0.11CBM
G.W/N.W	18Kg/16Kg	19Kg/17Kg

## Portable Autoclave



### USAGE:

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 dressing, glass utensils, solutions, substrata, mushroom cultivation. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises

### FEATURE:

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

### TECHNICAL PARAMETERS:

MODEL	HY-ST18J	HY-ST24J
Sterilizing Volume	18L	24L
	φ280×260mm	φ280×390mm
Working Pressure	0.14-0.16Mpa	
Temperature Adjust Range	105~126°C	
Timer Range	0~60min	
Max. Safety Pressure	0.165Mpa	
Heat Average	≤ ± 1 °C	
Power	2KW	2KW
	AC220V.50HZ or Make as Required	
Transport Dimension (mm)	410×410×520	410×410×630
Total CBM	0.09CBM	0.11CBM
G.W/N.W	18Kg/16Kg	20Kg/18Kg

## Portable Autoclave



### USAGE:

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 dressing, glass utensils, solutions, substrata, mushroom cultivation. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises.

### FEATURE:

- \* Fully stainless steel structure.
- \* Hand wheel type of quick-open door structure.
- \* LED display of working status, touch type key.
- \* Electric heated.
- \* Easy to operate, safe and reliable.

### TECHNICAL PARAMETERS:

MODEL	HY-ST18D	HY-ST24D
Sterilizing Volume	18L	24L
	φ280×260mm	φ280×390mm
Working Pressure	0.14-0.16Mpa	
Temperature Adjust Range	105~126°C	
Timer Range	0~99min	
Max. Safety Pressure	0.165Mpa	
Heat Average	≤ ± 1 °C	
Power	2KW	2KW
	AC220V.50HZ or Make as Required	
Transport Dimension (mm)	420×420×630	770×400×430
Total CBM	0.11CBM	0.13CBM
G.W/N.W	14Kg/12Kg	15Kg/14Kg

## Table Top Autoclave



### USAGE:

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 surgical, dental and eye instruments, glassware medicine, culture medium and biological dressing, food, etc.

### FEATURE:

- \* 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 heat and over pressure protection
- \* After sterilization it will automatically cut the power and then alarm.
- \* Fully stainless steel structure.

### TECHNICAL PARAMETERS:

MODEL	HY-TS16J	HY-TS24J
Sterilizing Volume	16L	24L
	φ250×360mm	φ270×410mm
Max. Working Pressure	0.22Mpa	
Max. Working Temperature	134°C	
Temperature Adjust Range	105~134°C	
Timer Range	0~60min	
Heat Average	≤ ± 1 °C	
Power	1.5KW	1.5KW
	AC220V.50HZ or Make as Required	
Sterilizing Plate (mm)	340×200×30 (3 pieces)	
Dimension (mm)	545×328×423	560×350×500
Transport Dimension (mm)	620×410×570	620×410×570
Total CBM	0.14CBM	0.14CBM
G.W/N.W	17Kg/15Kg	20Kg/18Kg

## Table Top Autoclave



### USAGE:

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 surgical, dental and eye instruments, glassware medicine, culture medium and biological dressing, food, etc.

### FEATURE:

- \* 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 PARAMETERS:

MODEL	HY-TSB20J	HY-TSB24J
Sterilizing Volume	20L	24L
	φ250×420mm	φ250×520mm
Max. Working Pressure	0.22Mpa	
Max. Working Temperature	134°C	
Temperature Adjust Range	105~134°C	
Timer Range	0~60min	
Heat Average	≤ ± 1 °C	
Power	1.5KW	2KW
	AC220V.50HZ or Make as Required	
Sterilizing Plate (mm)	340×200×30 (3 pieces)	400×200×30 (3 pieces)
Dimension (mm)	620×480×400	710×480×400
Transport Dimension (mm)	700×580×500	800×580×500
Total CBM	0.20CBM	0.23CBM
G.W/N.W	44Kg/40Kg	50Kg/45Kg

## Table Top Autoclave



### USAGE:

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 surgical, dental and eye instruments, glassware medicine, culture medium and biological dressing, food, etc.

### FEATURE:

- \* For 4~6 minutes rapidly sterilizing.
- \* Digital display of working status, touch type key.
- \* With 3 fixed cycles of water adding, temperature rising, sterilizing, drying steam discharging controlled automatically.
- \* Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.
- \* Exhaust the cool air automatically.
- \* Safe protection of water lacking.
- \* Door safety lock system.
- \* With three 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 PARAMETERS:

MODEL	HY-TS20D	HY-TS24D
Sterilizing Volume	20L	24L
	φ250×420mm	φ250×520mm
Max. Working Pressure	0.22Mpa	
Max. Working Temperature	134°C	
Temperature Adjust Range	105~134°C	
Timer Range	0~99min	
Heat Average	≤ ± 1 °C	
Power	1.5KW	2KW
	AC220V.50HZ or Make as Required	
Sterilizing Plate (mm)	340×200×30 (3 pieces)	400×200×30 (3 pieces)
Dimension (mm)	480×680×455	480×680×455
Transport Dimension (mm)	580×790×560	580×790×560
Total CBM	0.26CBM	0.26CBM
G.W/N.W	53Kg/48Kg	54Kg/49Kg

## Table Top Autoclave



### USAGE:

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 surgical, dental and eye instruments, glassware medicine, culture medium and biological dressing, food, etc.

### FEATURE:

- \* For 4~6 minutes rapidly sterilizing.
- \* Digital display of working status, touch type key.
- \* With 3 fixed cycles of water adding, temperature rising, sterilizing, drying steam discharging controlled automatically.
- \* The whole process of water adding, temperature rising, sterilizing, drying steam discharging controlled automatically.
- \* Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.
- \* Exhaust the cool air automatically.
- \* Safe protection of water lacking.
- \* 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 PARAMETERS:

MODEL	HY-TS35BD	HY-TS50BD
Sterilizing Volume	35L	50L
	φ300×500mm	φ340×550mm
Max. Working Pressure	0.22Mpa	
Max. Working Temperature	134°C	
Temperature Adjust Range	105~134°C	
Timer Range	0~99min	
Heat Average	≤ ± 1 °C	
Power	2.7KW	2.7KW
	AC220V.50HZ or Make as Required	
Sterilizing Plate (mm)	400×200×30 (4 pieces)	500×250×30 (4 pieces)
Dimension (mm)	730×550×510	770×600×540
Transport Dimension (mm)	780×670×650	840×710×690
Total CBM	0.34CBM	0.41CBM
G.W/N.W	92Kg/78Kg	105Kg/89Kg

## Table Top Autoclave



### USAGE:

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 surgical, dental and eye instruments, glassware medicine, culture medium and biological dressing, food, etc.

### FEATURE:

- \* 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,includingpackage,unpackaged,solid,hollow,multi-apertures and inset pipes.It makes sure the instrument can be sterilized completely.
- \* Fully computer controlled LCD dipaly 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 alibility of vacuum testing.
- \* Fast and independent steam generator.
- \* Build-in mini printer which can record the sterilizing information.
- \* Equipped with safety valve,safety lock door 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 PARAMETERS:

MODEL	HY-TS20V	HY-TS24V
Sterilizing Volume	18L	24L
	φ250×360mm	φ250×470mm
Max. Working Pressure	0.22Mpa	
Max. Working Temperature	134°C	
Temperature Adjust Range	105~134°C	
Timer Range	0~99min	
Heat Average	≤± 1 °C	
Power	2KW	2KW
	AC220V.50HZ or Make as Required	
Dimension (mm)	480×680×455	480×680×455
Transport Dimension (mm)	580×790×580	580×790×580
Total CBM	0.27CBM	0.27CBM
G.W/N.W	56Kg/47Kg	57Kg/53Kg

## Table Top Autoclave



### USAGE:

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 surgical, dental and eye instruments, glassware medicine, culture medium and biological dressing, food, etc.

### FEATURE:

- \* 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 dipaly 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 alibility of vacuum testing
- \* Fast and independent steam generator.
- \* Build-in mini printer which can record the sterilizing information.
- \* Equipped with safety valve,safety lock door system,pressure or temperature overload protection,alarm system.
- \* It inactivates the HIV,HBV,BSE and bacillus efficiently.

### TECHNICAL PARAMETERS:

MODEL	HY-TS35BV	HY-TS50BV
Sterilizing Volume	35L	50L
	φ300×500mm	φ340×550mm
Max. Working Pressure	0.22Mpa	
Max. Working Temperature	134°C	
Temperature Adjust Range	105~134°C	
Timer Range	0~99min	
Heat Average	≤± 1 °C	
Power	2.7KW	2.7KW
	AC220V.50HZ or Make as Required	
Dimension (mm)	550×850×500	600×850×560
Transport Dimension (mm)	690×860×700	940×740×800
Total CBM	0.42CBM	0.56CBM
G.W/N.W	114Kg/97Kg	125Kg/110Kg

## Table Top Autoclave



### USAGE:

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 surgical, dental and eye instruments, glassware medicine, culture medium and biological dressing, food, etc.

### FEATURE:

- \* High-quality stainless steel liner, sealed cover.
- \* Microcomputer fully automatic control.
- \* Safety interlock device.
- \* Optional: Automatic water inlet system or built-in water tanks.
- \* With vacuum drying function.
- \* BD test, HELIX test, vacuum test.
- \* LCD display, touch button.
- \* Equipped with standard test interface.
- \* European Class B standard.
- \* Automatic protection function: over-temperature protection, over-pressure protection, low water level protection, anti-dry burning protection, safety door lock protection.
- \* Three-pulsation pre-vacuum function.
- \* Buzzer reminder after sterilization, automatic shutdown.
- \* Automatic discharge of cold air, automatic discharge of steam after sterilization.
- \* Built-in steam generator, fast supply of saturated steam.
- \* Built-in printer.
- \* With USB interface.

### TECHNICAL PARAMETERS:

MODEL	HY-TS18B	HY-TS23B
Sterilizing Volume	18L	23L
	φ250×370mm	φ250×452mm
Max. Working Pressure	0.22Mpa	
Max. Working Temperature	134°C	
Timer Range	0~99min	
Power	2KW	2KW
	AC220V.50HZ or Make as Required	
Dimension (mm)	480×640×450	480×690×450
Transport Dimension (mm)	720×560×510	760×560×510
Total CBM	0.21CBM	0.22CBM
G.W/N.W	57Kg/48Kg	60Kg/53Kg

## Table Top Autoclave



### USAGE:

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 surgical, dental and eye instruments, glassware medicine, culture medium and biological dressing, food, etc.

### FEATURE:

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

### TECHNICAL PARAMETERS:

MODEL	HY-TS18A	HY-TS23A
Sterilizing Volume	18L	23L
	φ250×370mm	φ250×452mm
Max. Working Pressure	0.22Mpa	
Max. Working Temperature	134°C	
Power	1.5KW	2KW
	AC220V.50HZ or Make as Required	
Dimension (mm)	500×400×350	600×400×350
Transport Dimension (mm)	540×450×390	640×450×390
Total CBM	0.09CBM	0.11CBM
G.W/N.W	26Kg/24Kg	29Kg/27Kg

## Vertical Autoclave



### USAGE:

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. It is a ideal sterilization equipment for hospitals, clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabrics, glasses, culture media, mushroom cultivation etc.

### FEATURE:

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

### TECHNICAL PARAMETERS:

MODEL	HY-F35D	HY-F50D	HY-F75D	HY-F100D	HY-F120D	HY-F150D
Sterilizing Volume	35L	50L	75L	100L	120L	150L
	φ318×450mm	φ340×550mm	φ400×600mm	φ440×650mm	φ480×660mm	φ510×740mm
Working Pressure	0.22Mpa					
Max. Working Temperature	134°C					
Max. Working Pressure	0.23Mpa					
Heat Average	≤ ± 1°C					
Temperature Adjust Range	105~134°C					
Timer Range	0~99min or 0~99hour59min					
Power	1×2.5KW	2×1.5KW	3×1.5KW	3×1.5KW	3×2.0KW	3×2.0KW
	AC220V.50HZ or Make as Required					
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
Total CBM	0.28CBM	0.37CBM	0.41CBM	0.48CBM	0.59CBM	0.66CBM
G.W/N.W	61Kg/46Kg	73Kg/56Kg	87Kg/67Kg	95Kg/73Kg	116Kg/100Kg	130Kg/111Kg

## Vertical Autoclave



### USAGE:

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. It is a ideal sterilization equipment for hospitals, clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabrics, glasses, culture media, mushroom cultivation etc.

### FEATURE:

- \* Indicator light indicates working state.
- \* Fully stainless steel structure.
- \* 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 cold air.
- \* Automatically shut off with beep reminding after sterilization.
- \* Easy to operate,safe and reliable.
- \* With two stainless steel sterilizing baskets.

### TECHNICAL PARAMETERS:

MODEL	HY-F35J	HY-F50J	HY-F75J	HY-F100J	HY-F120J	HY-F150J
Sterilizing Volume	35L	50L	75L	100L	120L	150L
	φ318×450mm	φ340×550mm	φ400×600mm	φ440×650mm	φ480×660mm	φ510×740mm
Working Pressure	0.22Mpa					
Max. Working Temperature	134°C					
Max. Working Pressure	0.23Mpa					
Heat Average	≤ ± 1°C					
Temperature Adjust Range	105~134°C					
Timer Range	0~60min					
Power	1×2.5KW	2×1.5KW	3×1.5KW	3×1.5KW	3×2.0KW	3×2.0KW
	AC220V.50HZ or Make as Required					
Dimension (mm)	480×460×850	520×500×980	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
Total CBM	0.28CBM	0.37CBM	0.41CBM	0.48CBM	0.59CBM	0.66CBM
G.W/N.W	61Kg/46Kg	73Kg/56Kg	87Kg/67Kg	95Kg/73Kg	116Kg/100Kg	130Kg/111Kg

## Vertical Autoclave



### USAGE:

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. It is a ideal sterilization equipment for hospitals, clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabrics, glasses, culture media, mushroom cultivation etc.

### FEATURE:

- \* Fully stainless steel structure.
- \* Hand wheel type of quick-open door structure.
- \* Door safety lock system.
- \* LCD digital display of working status, touch type key.
- \* Auto discharge the cool air, and steam discharging 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, printer.

### TECHNICAL PARAMETERS:

MODEL	HY-S35D	HY-S50D	HY-S75D	HY-S100D
Sterilizing Volume	35L	50L	75L	100L
	φ318×450mm	φ340×550mm	φ400×600mm	φ440×650mm
Working Pressure	0.22Mpa			
Max. Working Temperature	134°C			
Max. Working Pressure	0.23Mpa			
Heat Average	≤ ± 1°C			
Temperature Adjust Range	105~134°C			
Timer Range	0~99min or 0~99hour59min			
Power	1×2.5KW	2×1.5KW	3×1.5KW	3×1.5KW
	AC220V.50HZ or Make as Required			
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
Total CBM	0.33CBM	0.42CBM	0.48CBM	0.56CBM
G.W/N.W	81Kg/63Kg	94Kg/74Kg	113Kg/93Kg	131Kg/105Kg

## Vertical Autoclave



### USAGE:

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. It is a ideal sterilization equipment for hospitals, clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabrics, glasses, culture media, mushroom cultivation etc.

### FEATURE:

- \* Fully stainless steel structure.
- \* Hand wheel type of quick-open door structure.
- \* Door safety lock system.
- \* 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 cold air.
- \* Automatically shut off with beep reminding after sterilization.
- \* Easy to operate, safe and reliable.
- \* With two stainless steel sterilizing baskets.

### TECHNICAL PARAMETERS:

MODEL	HY-S35J	HY-S50J	HY-S75J	HY-S100J
Sterilizing Volume	35L	50L	75L	100L
	φ318×450mm	φ340×550mm	φ400×600mm	φ440×650mm
Working Pressure	0.22Mpa			
Max. Working Temperature	134°C			
Max. Working Pressure	0.23Mpa			
Heat Average	≤ ± 1°C			
Temperature Adjust Range	105~134°C			
Timer Range	0~60min			
Power	1×2.5KW	2×1.5KW	3×1.5KW	3×1.5KW
	AC220V.50HZ or Make as Required			
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
Total CBM	0.33CBM	0.42CBM	0.48CBM	0.56CBM
G.W/N.W	81Kg/63Kg	94Kg/74Kg	113Kg/93Kg	131Kg/105Kg

## Vertical Autoclave



### USAGE:

The vertical retort autoclave (Counter pressure food sterilizer/autoclave) is a kind of small and medium-sized back pressure cooking equipment controlled by microcomputer program. The sterilizer uses electric heating mode, directly injects water into the sterilization room for heating, generates high-pressure steam for sterilization, and sterilizes the articles that need sterilization. After sterilization, the articles in the cylinder can be reduced to 30 ~ 40 °C by external compressed air and rapid cooling by water pressure for 3 minutes. The sterilizer is equipped with program control, which can carry out boiling disinfection and rapid cooling pressure sterilization. Boiling range  $\leq 100$  °C. The range of rapid cooling pressure sterilization was 105 °C ~ 134 °C; It also has overload protection of heater and buzzer alarm function at the end of sterilization. It is easy to operate, safe and reliable. This product is suitable for the disinfection and sterilization of food with package or canning etc. It is an ideal equipment for aseptic test in Food Research Institute.

### FEATURE:

- \* 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 specified line, and send alarm signal at the meanwhile.
- \* The unit is equip 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°C, is also with over heat protection, current over-load protection, and interlock protection.
- \* The unit is applicable to the disinfection and sterilization of food in retort pouches, cans, bottles etc., it's specially suitable for sterility test in food research institutions.
- \*The whole unit is made of high quality stainless steel, has the advantages of corrosion resistance, easy maintenance and long service life.

### TECHNICAL PARAMETERS:

MODEL	HY-F35DC	HY-F50DC	HY-F75DC	HY-F100DC	HY-F150DC
Sterilizing Volume	35L	50L	75L	100L	150L
	φ318×450mm	φ340×550mm	φ400×600mm	φ440×650mm	φ510×740mm
Max. Working Temperature	134°C				
Max. Working Pressure	0.23Mpa				
Temperature Adjust Range	105~134°C				
Timer Range	0~99min				
Power	1×2.5KW	2×1.5KW	3×1.5KW	3×1.5KW	3×2.0KW
	AC220V.50HZ or Make as Required				
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
Total CBM	0.28CBM	0.37CBM	0.41CBM	0.48CBM	0.66CBM
G.W/N.W	61Kg/46Kg	73Kg/56Kg	87Kg/67Kg	95Kg/73Kg	130Kg/111Kg

## Vertical Autoclave



### USAGE:

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. It is a ideal sterilization equipment for hospitals, clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabrics, glasses, culture media, mushroom cultivation etc.

### FEATURE:

- \* 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.
- \* Equipped with electric pressure temperature controller, constant voltage and temperature can be automatically kept when the unit reach the setting temperature.
- \* Rapid sterilizing, only required 4~6 min.
- \* The sterilizing drum is 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 PARAMETERS:

MODEL	HY-S28D
Sterilizing Volume	28L
	φ270×500mm
Working Pressure	0.22Mpa
Max. Working Temperature	134°C
Max. Working Pressure	0.23Mpa
Heat Average	$\leq \pm 1$ °C
Temperature Adjust Range	105~134°C
Timer Range	0~99min
Power	2KW
	AC220V.50HZ or Make as Required
Dimension (mm)	440×420×750
Transport Dimension (mm)	490×480×760
Total CBM	0.18CBM
G.W/N.W	28Kg/25Kg

## Vertical Autoclave



### USAGE:

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. It is a ideal sterilization equipment for hospitals, clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabrics, glasses, culture media, mushroom cultivation etc.

### FEATURE:

- \* Microcomputer controlled, digital display of working status, touch type key.
- \* It dynamically shows the temperature, pressure time, vacuum rate and the cycle status.
- \* With fully automatically route for water inlet, pulse vacuum, heating, sterilizing, draining, exhausting and vacuum drying.
- \* 3 times pulse vacuum, the vacuum rate rate would reach -0.081mpa after that, which ensure the completely extracting of inner air from dressing and A,B type hollowed appliance.
- \* With 4 fixed program for the appliance, medical dressing, rubbers and fluid,and the user also could set the program if 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 vacuum ed chamber is sterile,avoid the second time contamination.
- \* Hand wheel type of quick-open door structure, 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.
- \* With built-in steam generator.
- \* With printer.

### TECHNICAL PARAMETERS:

MODEL	HY-S50V	HY-S75V	HY-S100V
Sterilizing Volume	50L	75L	100L
	φ340×550mm	φ400×600mm	φ440×650mm
Working Pressure	0.22Mpa		
Max. Working Temperature	134°C		
Max. Working Pressure	0.23Mpa		
Heat Average	≤ ± 1°C		
Temperature Adjust Range	0~134°C		
Timer Range	0~99min		
Power	(3.2+1.6)KW	(3.2+1.8)KW	(3.2+1.9)KW
	AC220-240V.50/60HZ		
Dimension (mm)	660×460×1160	700×510×1250	700×510×1250
Transport Dimension (mm)	740×550×1270	780×600×1380	780×600×1360
Total CBM	0.52CBM	0.65CBM	0.64CBM
G.W/N.W	137Kg/114Kg	168Kg/142Kg	172Kg/146Kg

## Vertical Autoclave



### USAGE:

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. It is a ideal sterilization equipment for hospitals, clinics, scientific research institutes, disease control centers, P2 biological laboratories, blood stations, scientific research institutes, and other organizations to sterilize surgical instruments, medical waste, fabrics, glasses, culture media, mushroom cultivation etc.

### FEATURE:

- \* 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 sterilizing baskets.
- \* A high-efficiency filter is added to the exhaust to ensure the safety of the environment and operators.
- \* Optional drying system, printer.

### TECHNICAL PARAMETERS:

MODEL	HY-S35G	HY-S50G	HY-S75G	HY-S100G
Sterilizing Volume	35L	50L	75L	100L
	φ318×450mm	φ340×550mm	φ400×600mm	φ440×650mm
Working Pressure	0.22Mpa			
Max. Working Temperature	134°C			
Max. Working Pressure	0.23Mpa			
Heat Average	≤ ± 1°C			
Temperature Adjust Range	0~134°C			
Timer Range	0~99min or 0~99hour59min			
Power	1×2.5KW	2×1.5KW	3×1.5KW	3×1.5KW
	AC220V.50HZ or Make as Required			
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
Total CBM	0.39CBM	0.52CBM	0.65CBM	0.65CBM
G.W/N.W	104Kg/85Kg	122Kg/99Kg	146Kg/120Kg	148Kg/122Kg

## Horizontal Autoclave



### USAGE:

The horizontal autoclave, which adopts 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 steam sterilizer is an ideal equipment for hospitals, laboratories clinics, scientific research institutes, food industry and other organizations to sterilize surgical instruments, fabric glasses, mushroom cultivation, culture media, kinds of food and so on.

### FEATURE:

- \* Automatically 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 does not close well.
- \* The safety valve will be open automatically when the inner pressure over 0.24Mpa and the steam would be exhausted to the water tank.
- \* Automaticly cut off the power if the water-lack happened, and alarm at the meanwhile.
- \* The chamber of the machine is made of stainless steel 304.

### TECHNICAL PARAMETERS:

MODEL	HY-WS150J	HY-WS200J	HY-WS280J	HY-WS400J	HY-WS500J
Sterilizing Volume	150L	200L	280L	400L	500L
	φ440×1000mm	φ515×1000mm	φ600×1000mm	φ700×1100mm	φ700×1300mm
Working Pressure	0.22Mpa				
Max. Working Temperature	134°C				
Temperature Adjust Range	40~134°C				
Time for Sterilization	0~60min				
Time for Drying	0~60min				
Heat Average	≤ ± 2°C				
Power	9KW	9KW	12KW	18KW	18KW
	AC380V.50Hz or Make as Required				
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
Total CBM	2.165CBM	2.469CBM	3.014CBM	3.444CBM	3.982CBM
G.W/N.W	320kg/278kg	378kg/318kg	465kg/391kg	530kg/456kg	627kg/540kg

## Horizontal Autoclave



### USAGE:

The horizontal autoclave, which adopts 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 steam sterilizer is an ideal equipment for hospitals, laboratories clinics, scientific research institutes, food industry and other organizations to sterilize surgical instruments, fabric glasses, mushroom cultivation, culture media, kinds of food and so on.

### FEATURE:

- \* Automatically 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 does not close well.
- \* The safety valve will be open automatically when the inner pressure over 0.24Mpa and the steam would be exhausted to the water tank.
- \* Automaticly cut off the power if the water-lack happened, and alarm at the meanwhile.
- \* The chamber of the machine is made of stainless steel 304.
- \* With printer.

### TECHNICAL PARAMETERS:

MODEL	HY-WS150D	HY-WS200D	HY-WS280D
Sterilizing Volume	150L	200L	280L
	φ440×1000mm	φ515×1000mm	φ600×1000mm
Working Pressure	0.22Mpa		
Max. Working Temperature	134°C		
Temperature Adjust Range	40~134°C		
Time for Sterilization	0~99min		
Time for Drying	0~99min		
Heat Average	≤ ± 2°C		
Power	9KW	9KW	12KW
	AC380V.50Hz or Make as Required		
Dimension (mm)	1400×650×1590	1400×750×1700	1540×850×1790
Transport Dimension (mm)	1560×860×1820	1560×910×1880	1680×1060×2050
Total CBM	2.442CBM	2.669CBM	3.651CBM
G.W/N.W	422kg/368kg	469kg/404kg	577kg/492kg

## Horizontal Autoclave



### USAGE:

The horizontal autoclave, which adopts 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 steam sterilizer is an ideal equipment for hospitals, laboratories clinics, scientific research institutes, food industry and other organizations to sterilize surgical instruments, fabric glasses, mushroom cultivation, culture media, kinds of food and so on.

### FEATURE:

- \* Automatically 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 does not close well.
- \* The safety valve will be open automatically when the inner pressure over 0.24Mpa and the steam would be exhausted to the water tank.
- \* Automatically cut off the power if the water-lack happened, and alarm at the meanwhile.
- \* Fully stainless steel 304 structure.

### TECHNICAL PARAMETERS:

MODEL	HY-WS150BJ	HY-WS200BJ	HY-WS280BJ	HY-WS400BJ
Sterilizing Volume	150L	200L	280L	400L
	φ440×1000mm	φ515×1000mm	φ600×1000mm	φ700×1100mm
Working Pressure	0.22Mpa			
Max. Working Temperature	134°C			
Temperature Adjust Range	40~134°C			
Time for Sterilization	0~60min			
Time for Drying	0~60min			
Heat Average	≤ ± 2°C			
Power	9KW	9KW	12KW	18KW
	AC380V.50Hz or Make as Required			
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
Total CBM	2.165CBM	2.469CBM	3.014CBM	3.444CBM
G.W/N.W	312kg/238kg	350kg/260kg	465kg/365kg	530kg/452kg

## Horizontal Autoclave



### USAGE:

The horizontal autoclave, which adopts 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 steam sterilizer is an ideal equipment for hospitals, laboratories clinics, scientific research institutes, food industry and other organizations to sterilize surgical instruments, fabric glasses, mushroom cultivation, culture media, kinds of food and so on.

### FEATURE:

- \* Automatically 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 does not close well.
- \* The safety valve will be open automatically when the inner pressure over 0.24Mpa and the steam would be exhausted to the water tank.
- \* Automatically cut off the power if the water-lack happened, and alarm at the meanwhile.
- \* Fully stainless steel 304 structure.
- \* With printer.

### TECHNICAL PARAMETERS:

MODEL	HY-WS150BD	HY-WS200BD	HY-WS280BD
Sterilizing Volume	150L	200L	280L
	φ440×1000mm	φ515×1000mm	φ600×1000mm
Working Pressure	0.22Mpa		
Max. Working Temperature	134°C		
Temperature Adjust Range	40~134°C		
Time for Sterilization	0~99min		
Time for Drying	0~99min		
Heat Average	≤ ± 2°C		
Power	9KW	9KW	12KW
	AC380V.50Hz or Make as Required		
Dimension (mm)	1400×650×1590	1400×750×1700	1540×850×1790
Transport Dimension (mm)	1560×860×1820	1560×910×1880	1680×1060×2050
Total CBM	2.442CBM	2.669CBM	3.651CBM
G.W/N.W	430kg/340kg	436kg/350kg	570kg/462kg

## Horizontal Autoclave



### USAGE:

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 substrate. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises.

### FEATURE:

- \* For 4-6 minutes rapidly sterilizing.
- \* Digital display of working status, touch type key.
- \* With protection of water lacking.
- \* Exhaust the 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 coo air automatically.
- \* Door safety lock system.
- \* With 2 stainless steel sterilizing plates.
- \* The chamber of the sterilizer is made of stainless steel 304.
- \* Automatically shut off with beep reminding after sterilization.
- \* With drying function.

### TECHNICAL PARAMETERS:

MODEL	HY-WS100D
Sterilizing Volume	100L
	φ390×670mm
Working Pressure	0.22Mpa
Max. Working Temperature	134°C
Temperature Adjust Range	105~134°C
Time for Sterilization	0~99min
Time for Drying	0~99min
Heat Average	≤± 1°C
Power	9KW
	AC220V.50Hz or Make as Required
Dimension (mm)	930×690×1330
Transport Dimension (mm)	1100×720×1420
Total CBM	1.125CBM
G.W/N.W	280kg/245kg

## Horizontal Pulse Vacuum Autoclave



### USAGE:

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 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.

### FEATURE:

- \* 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 safety devices, single door design (double-doors design optional), with pressure safety interlocking device.
- \* The chamber of the sterilizer is made of stainless steel 304.

### TECHNICAL PARAMETERS:

MODEL	HY-WS100V	HY-WS150V	HY-WS200V	HY-WS300V
Sterilizing Volume	100L	150L	200L	300L
	φ440×670mm	φ440×1000mm	φ515×1000mm	φ600×1080mm
Working Pressure	0.22Mpa			
Max. Working Temperature	134°C			
Temperature Adjust Range	115~134°C			
Time for Sterilization	0~99min			
Time for Drying	0~99min			
Heat Average	≤± 2°C			
Vacuum Limit	- 0.08Mpa			
Power	10KW	10KW	10KW	13KW
	AC380V.50Hz or Make as Required			
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
Total CBM	2.328CBM	2.328CBM	2.669CBM	3.810CBM
G.W/N.W	430kg/376kg	458kg/404kg	505kg/440kg	613kg/528kg

## HY Series Mechanical Door Pulse Vacuum Autoclave



### USAGE:

HY series pulsating vacuum sterilizers use saturated steam as the sterilization 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.

HY 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.

### FEATURE:

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 teeth 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. Interlligent 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.

### TECHNICAL PARAMETERS:

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°C	Precision of Sterilization Temperature Control	0~2°C
Maximum Working Temperature	139°C	Temperature Uniformity	±1°C
Maximum Working Pressure	0.25Mpa	Negative Pressure Pulsation Vacuum Amplitude & 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

Model	Size of Liner W×H×D(mm)	Volume (L)	Overall Size L×W×H(mm)	Weight (Kg)	Steam Consumption (Kg/C)	Tap Water Consumption(Kg/C)	Power Supply	Power
HY-0.25JS(F)	550×550×845	250	1136×1310×1880	750	18	120	380V, 50Hz	2KW+(24)KW
HY-0.36JS(F)	610×610×1000	360	1320×1350×1930	850	22	180	380V, 50Hz	2KW+(30)KW
HY-0.6JS(F)	610×910×1150	600	1470×1410×2100	1250	35	320	380V, 50Hz	3KW+(36)KW
HY-0.8JS(F)	610×910×1490	800	1820×1410×2100	1350	47	400	380V, 50Hz	3.5KW+(48)KW
HY-1.0JS	610×910×1815	1000	2250×1410×2100	1550	55	500	380V, 50Hz	3.5KW+(54)KW
HY-1.2JS	680×1180×1490	1200	1820×1490×2050	1650	65	600	380V, 50Hz	3.5KW
HY-1.5JS	680×1180×1900	1500	2220×1490×2050	1850	80	750	380V, 50Hz	4KW
HY-2.0JS	900×1380×1650	2000	1990×1860×2230	2300	106	1000	380V, 50Hz	4.5KW
HY-2.5JS	900×1380×2000	2500	2360×1860×2230	2700	132	1250	380V, 50Hz	6KW
HY-3.0JS	900×1380×2494	3000	2830×1860×2230	3500	160	1500	380V, 50Hz	8KW
HY-4.0JS	900×1380×3250	4000	3580×1860×2230	4500	215	2000	380V, 50Hz	8KW

Note: (24) (30) (36) (48) (54) represent the power of the built-in steam generator (optional)

## HY Series Lifting Door Pulse Vacuum Autoclave



### USAGE:

HY series lifting door pulsating vacuum sterilizers use saturated steam as the sterilization 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.

HY 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.

### FEATURE:

- \* The lifting door structure (vertical sliding door) 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 lifting door is with pressure safety interlock, the liquid program is specially with temperature safety interlock.
- \* 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 from 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  $\leq 55^{\circ}\text{C}$ .
- \* Air filter: the filtration accuracy is  $\leq 0.22\mu\text{m}$ , and the sterilization rate reaches 99.97%.

### TECHNICAL PARAMETERS:

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°C	Precision of Sterilization Temperature Control	0~2°C
Maximum Working Temperature	139°C	Temperature Uniformity	$\pm 0.5^{\circ}\text{C}$
Maximum Working Pressure	0.25Mpa	Negative Pressure Pulsation Vacuum Amplitude & Times	Amplitude -80~0KPa, Times 1~99
Vacuum Leakage Rate	$\leq 0.13\text{KPa}/\text{min}$	Times of Pulses Across Pressure	Amplitude -80~80KPa, Times 1
Ultimate Vacuum	-97Kpa	Times of Positive Pressure Pulses	1~3

Model	Size of Liner W×H×D(mm)	Volume (L)	Overall Size L×W×H(mm)	Weight (Kg)	Steam Consumption (Kg/C)	Tap Water Consumption(Kg/C)	Power Supply	Power
HY-0.15S(F)	450×450×800	150	1160×1150×1820	550	12	80	380V, 50Hz	2KW+(24)KW
HY-0.2S(F)	450×450×1000	200	1360×1150×1820	750	15	100	380V, 50Hz	2KW+(24)KW
HY-0.25S(F)	550×550×845	250	1195×1290×1900	850	18	120	380V, 50Hz	2KW+(24)KW
HY-0.3S(F)	550×550×1000	300	1350×1290×1900	950	18	140	380V, 50Hz	2KW+(30)KW
HY-0.36S(F)	610×610×1000	360	1360×1350×1940	1050	22	160	380V, 50Hz	2KW+(30)KW
HY-0.45S(F)	652×700×1000	450	1360×1400×2060	1150	30	180	380V, 50Hz	2KW+(36)KW
HY-0.6S(F)	652×700×1320	600	1675×1400×2060	1250	36	320	380V, 50Hz	2KW+(36)KW
HY-0.8S(F)	652×700×1750	800	2105×1400×2060	1450	45	400	380V, 50Hz	2KW+(48)KW

Note: (24) (30) (36) (48) represent the power of the built-in steam generator (optional)

## HY Series Sliding Door Pulse Vacuum Autoclave



### USAGE:

HY series pulsating vacuum sterilizers use saturated steam as the sterilization 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.

HY 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.

### FEATURE:

- \* Sliding door, the door automatically moves left and right. Compared with the motorized door, the door does not need to be opened manually. It has the function of preventing fingers from being pinched, and can be connected with the automatic loading and unloading system.
- \* Double-door channel type, with pressure safety interlock, liquid program with temperature door safety interlock.
- \* Inflatable pressure drives the sealing ring to achieve automatic sealing. The new high-quality high-resistance silicone rubber material circular hollow door sealing ring has a surface parylene coating treatment, which is wear-resistant and smooth, with better sealing effect and longer service life, up to 1500 cycles.
- \* The main structure is a rectangular cross-section, European annular reinforcement jacket structure, and the sealing groove is directly welded on the annular jackets at both ends (GETINGE structure).
- \* Control system: imported Siemens programmable controller PLC and color touch screen, the whole process is automatically program controlled, and the operating process status, temperature, pressure, time and other parameters are automatically displayed.
- \* Traceability system: with a communication interface linked to the traceability system, providing software communication protocols connected to the traceability system..
- \* It has sterilization procedures for sterile clothing, tools, rubber, liquid, culture medium, waste, custom programs, and test procedures such as BD test and vacuum leak test.
- \* It prints process data in real time through the built-in micro-pin printer and is equipped with a paperless recorder.
- \* Intelligent maintenance system: (optional) equipped with remote monitoring and maintenance modules, which can realize remote monitoring of equipment operation and remote software upgrades.
- \* The inner chamber can be designed with independent steam inlet, and the steam does not pass through the jacket, so as to avoid the carbon steel of the jacket from contaminating the sterilized items, and to avoid the pressure drop of the jacket from affecting the drying effect.
- \* Pipeline system: stainless steel sanitary pipeline, clamp connection, all welding is done by automatic pipe welding machine, the main control valves are imported brand German Gemmy angle seat valve and Taiwan AirTac solenoid valve, imported German SPECK direct-connected water ring vacuum pump.
- \* Water-saving and noise reduction system (optional) can reduce the circulating water consumption of the vacuum pump by 30% and reduce the noise of the vacuum pump.
- \* Automatic drain device (optional), automatic control drain device for jacket, automatic control drain device installed in the inner chamber, automatic detection of jacket and inner chamber temperature and pressure, automatic drain, to ensure the saturation of steam.
- \* With automatic drainage temperature adjustment system, drainage temperature  $\leq 55$  degrees Celsius.
- \* Air filter: filtration accuracy is  $\leq 0.22$  microns, and the sterilization rate reaches 99.97%.

### TECHNICAL PARAMETERS:

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°C	Precision of Sterilization Temperature Control	0~2°C
Maximum Working Temperature	139°C	Temperature Uniformity	$\pm 0.5^\circ\text{C}$
Maximum Working Pressure	0.25Mpa	Negative Pressure Pulsation Vacuum Amplitude & Times	Amplitude -80~0KPa, Times 1~99
Vacuum Leakage Rate	$\leq 0.13\text{KPa}/\text{min}$	Times of Pulses Across Pressure	Amplitude -80~80KPa, Times 1
Ultimate Vacuum	-97Kpa	Times of Positive Pressure Pulses	1~3

Model	Size of Liner W×H×D(mm)	Volume (L)	Overall Size L×W×H(mm)	Weight (Kg)	Steam Consumption (Kg/C)	Tap Water Consumption(Kg/C)	Power Supply	Power
HY-1.2PS	680×1180×1500	1200	2007×2110×2113	2300	65	600	380V, 50Hz	3.5KW+(72)KW
HY-1.5PS	680×1180×1800	1500	2357×2110×2113	2450	80	750	380V, 50Hz	3.5KW+(90)KW
HY-2.0PS	900×1390×1620	2000	1950×2750×2200	3000	100	900	380V, 50Hz	4.5KW
HY-2.5PS	900×1390×2020	2500	2300×2750×2200	3600	120	1100	380V, 50Hz	6KW
HY-3.0PS	900×1390×2400	3000	2700×2750×2200	3800	150	1300	380V, 50Hz	8KW
HY-6.0PS	900×1390×4800	6000	5400×2750×2200	6600	320	2400	380V, 50Hz	12KW
HY-6.7PS	1250×1380×3910	6700	5400×3200×2200	7000	350	2600	380V, 50Hz	12KW
HY-13.6PS	1250×1380×7850	13600	8500×3200×2200	11000	620	4800	380V, 50Hz	24KW

Note: (72) (90) represent the power of the built-in steam generator (optional)