



江苏如翼医疗科技有限公司

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WANROOEMED



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WANROOEMED

PAGE 01	Honor & Qualification
PAGE 02	Professional Accreditation
PAGE 03	WG Series Pulse Vacuum Autoclave
PAGE 05	LS Series Elevating-type Pulse Vacuum Vertical Autoclave
PAGE 07	Vertical Pressure Steam Sterilizer
PAGE 13	Portable Pressure Steam Sterilizer
PAGE 17	Table Top Steam Sterilizer
PAGE 22	Pulsating Vacuum Desktop Steam Sterilizer
PAGE 24	Horizontal Cylindrical Pressure Steam Sterilizer
PAGE 30	Intelligent Blast Drying Oven
PAGE 31	Ultraviolet Lamp Trolley
PAGE 32	Wall Mounted Electric Distilled Water



WG Series Pulse Vacuum Autoclave



This series of pulsation vacuum sterilizer utilizes saturated steam as its sterilization medium which releases a large amount of heat in the stage of condensation, and ensure the sterilizing environment in high temperature and at a certain humidity. After a period of insulation in such status, sterilization purpose is achieved. The application of pulsating vacuum exhausting has successfully eliminated the temperature influence from cold air, and helping the sterilization items to be dried by means of vacuum and dehumidification between the jacketed layers.

Structure and Characteristic of the Equipment

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

Sterilizer piping system: the pipeline is designed with the best configuration. All the spares are from qualified brands at home and abroad.

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



Main Parameters and Utilities

Design Pressure	0.245MPa	Working Pressure	0.225MPa
Design Temperature	139℃	Working Temperature	105~134℃
Vacuum	-0.09 MPa	Temperature Equilibrium	≤ ± 1℃
Water Source Pressure	0.15~0.3 MPa	Compressed Air Pressure	0.3~0.7 MPa
Steam Pressure	0.3~0.7 Mpa	Power	AC380V, 50HZ The three-phase and five-wire system AC380V, 50HZ

Size & Utilities

Model	Overall Size L × W × H(mm)	Chamber Size L × W × H(mm)	Steam Consumption (KG)	Tap Water Consumption (KG)	Power (KW)	Net Weight (KG)
WG-0.25	1100 × 1350 × 1900	800 × 600 × 600	18KG	35KG	2 + ②④ KW	900KG
WG-0.36	1300 × 1350 × 1900	1000 × 600 × 600	25KG	40KG	2 + ②④ KW	1000KG
WG-0.6	1500 × 1360 × 1950	1200 × 610 × 910	30KG	45KG	3 + ③⑥ KW	1400KG
WG-0.8	1800 × 1360 × 1950	1500 × 610 × 910	40KG	50KG	3 KW	1600KG
WG-1.2	1750 × 1440 × 1950	1450 × 680 × 1180	48KG	55KG	4 KW	1800KG
WG-1.5	2150 × 1440 × 1950	1850 × 680 × 1180	55KG	60KG	4 KW	2000KG
WG-2.0	1950 × 1750 × 2200	1600 × 900 × 1400	65KG	65KG	4.5KW	2500KG
WG-2.5	2300 × 1750 × 2200	1950 × 900 × 1400	75KG	75KG	6KW	3000KG
WG-3.0	2700 × 1750 × 2200	2400 × 900 × 1400	90KG	90KG	8KW	3500KG

Note: ②④⑥ represent the power of the built-in steam generator (optional)



LS Series Elevating-type Pulse Vacuum Vertical Autoclave



Characteristics

- ◆ 7" capacitive touch screen, fully automatically controlled, easy to operate on .
- ◆ Elevating type door, which is more convenient to place and fetch the objects from the autoclave.
- ◆ The whole procedure from water inlet, pulse vacuum, heat , sterilizing, water outlet, 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 objects from been oxidized.
- ◆ There are several programs loaded in the autoclaves for different requirement of different objects.
- ◆ With PT-TT testing port, easy to run the testing.
- ◆ Equipped with Germany SARTORIUS Sterile ventilation filter MIDISART 2000 $0.20\ \mu\text{m}$, 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 $\phi 396 \times 490\text{mm}$	80L $\phi 396 \times 650\text{mm}$	100L $504 \times 404 \times 502\text{mm}$	120L $504 \times 404 \times 590\text{mm}$
The height after rising	1310	1590	1475	1565
Working Pressure	0.22Mpa			
Working temperature	134°C			
Heat average	$\leq \pm 1^\circ\text{C}$			
Timer range	0~99min			
Temperature adjust range	105~134°C			
Power	Steam generator: 3Kw, Dry blanket: 2.4Kw/AC220V.50Hz		Steam generator: 3.6Kw, Dry blanket: 2.4Kw/AC220V.50Hz	
Overall dimension	686 × 556 × 913	686 × 556 × 1035	840 × 600 × 970	840 × 600 × 1060
Transport dimension	786 × 656 × 1013	786 × 656 × 1135	940 × 610 × 1000	940 × 610 × 1075
G.W/N.W	210Kg / 180Kg	230Kg / 200Kg	300Kg / 270Kg	325Kg / 295Kg

Main Spareparts





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 the scientific research institutes and the hospital laboratory.

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.
- ◆ Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.
- ◆ Self-inflating type seal.
- ◆ Safe protection of water lacking.
- ◆ With perfect drying function.
- ◆ Automatically shut off with beep reminding after sterilization.
- ◆ With two stainless steel sterilizing baskets.

Fully automatic circulation
(specifically use for
clinical laboratory)



Vertical Pressure Steam Sterilizer

Technical Data

MODEL	LS-35HG	LS-50HG	LS-75HG	LS-100HG
Technical Data				
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	2.5Kw/AC220V.50Hz	3Kw/AC220V.50Hz	4.5Kw/AC220V.50Hz	
Overall dimension	600 × 410 × 1030	650 × 410 × 1140	690 × 470 × 1140	730 × 510 × 1270
Transport dimension	730 × 500 × 1170	730 × 500 × 1290	760 × 550 × 1290	820 × 600 × 1380
G.W/N.W	96Kg / 77Kg	102Kg / 83Kg	120Kg / 98Kg	135Kg / 110Kg



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 sterilizer 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.
- ◆ With drying system.

Technical Data

MODEL	LS-35HD	LS-50HD	LS-75HD	LS-100HD
Technical Data				
Chamber volume	35L φ318 × 450mm	50L φ340 × 550mm	75L φ400 × 600mm	100L φ440 × 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	2.5Kw/AC220V.50Hz	3Kw/AC220V.50Hz	4.5Kw/AC220V.50Hz	
Overall dimension	450 × 450 × 1010	510 × 470 × 1130	560 × 560 × 1120	540 × 560 × 1250
Transport dimension	570 × 550 × 1150	590 × 590 × 1280	650 × 630 × 1280	680 × 630 × 1370
G.W/N.W	72Kg / 56Kg	88Kg / 68Kg	100Kg / 80Kg	110Kg / 85Kg

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 sterilizer 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	LS-35LD	LS-50LD	LS-75LD	LS-100LD	LS-120LD	LS-150LD
Technical Data						
Chamber volume	35L φ318 × 450mm	50L φ340 × 550mm	75L φ400 × 600mm	100L φ440 × 650mm	120L φ480 × 660mm	150L φ510 × 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	2.5Kw/AC220V.50Hz	3Kw/AC220V.50Hz	4.5Kw/AC220V.50Hz		6Kw/AC220V.50Hz	
Overall dimension	480 × 460 × 850	520 × 520 × 980	560 × 560 × 980	590 × 590 × 1080	600 × 640 × 1140	670 × 690 × 1130
Transport dimension	570 × 550 × 970	590 × 590 × 1110	650 × 630 × 1150	680 × 650 × 1220	730 × 730 × 1270	760 × 760 × 1270
G.W/N.W	56Kg / 42Kg	68Kg / 50Kg	90Kg / 70Kg	105Kg / 85Kg	125Kg / 100Kg	135Kg / 110Kg

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 sterilizer surgical instruments, fabrics, glasses, culture media etc.

Characteristics

- ◆ Microcomputer controlled, digital display of working statuses, 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 PY/TT testing connector, easy for running the testing.
- ◆ Multiple pulse vacuum drying after sterilizing, which ensure the good sterilizing result.
- ◆ Equipped with $0.22\mu\text{m}$ 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			
Chamber volume	50L $\phi 340 \times 550\text{mm}$	75L $\phi 400 \times 600\text{mm}$	100L $\phi 440 \times 650\text{mm}$
Working pressure		0.22Mpa	
Working temperature		134°C	
Max. working pressure		0.23Mpa	
Heat average		$\leq \pm 1^\circ\text{C}$	
Timer range		0 ~ 99min	
Temperature adjust range		0 ~ 134°C	
Power	3000W/AC220V 50Hz	4500W/AC220V 50Hz	4500W/AC220V 50Hz
Overall dimension	690 × 470 × 1140	730 × 510 × 1270	750 × 550 × 1305
Transport dimension	760 × 550 × 1290	820 × 600 × 1380	840 × 640 × 1410
G.W/N.W	120Kg/100Kg	140Kg/118Kg	160Kg/128Kg



Vertical Pressure Steam Sterilizer

Pressure 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 sterilizer 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.
- ◆ Equipped 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	
Chamber volume	28L $\phi 270 \times 500\text{mm}$
Working pressure	0.22Mpa
Working temperature	134°C
Heat average	$\leq \pm 1^\circ\text{C}$
Timer range	0 ~ 99mins
Temperature adjust range	105 ~ 134°C
Power	2 KW/AC220V .50HZ
Overall dimension	400 × 370 × 700
Transport dimension	440 × 420 × 750
G.W/N.W	26Kg/23Kg



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.
- ◆ Digital 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-18HDD	YX-24HDD
Technical Data	18L φ280 × 260mm	24L φ280 × 390mm
Sterilizing volume		
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	420 × 420 × 630	420 × 420 × 750
G.W/N.W	14 / 12kg	15 / 14kg



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

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



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, culture medium and biological dressing, food, etc.

Characteristics

- ◆ Sterilizing course: Automatic sterilization controlled by computer, easy to operate.
- ◆ Maximum temperature: 134°C, 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

MODEL	TM-T16J	TM-T24J
Technical Data		
Sterilizing chamber volume	16L φ 250 × 360mm	24L φ 270 × 410mm
Working pressure	0.22Mpa	
Working temperature	134°C	
Temperature adjust range	105~134°C	
Timer range	0~60min	
Heat average	≤ ± 1°C	
Power	1.5KW / AC220V.50Hz	
Sterilizing plate	340 × 200 × 30(3piece)	
Dimension	545 × 328 × 423	560 × 350 × 500
Exterior package dimension	605 × 390 × 480	620 × 410 × 570
G.W/N.W	17/ 15kg	20/ 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

- ◆ 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	
Sterilizing plate	340 × 200 × 30(3piece)	400 × 200 × 30(3piece)
Dimension	480 × 480 × 380	580 × 480 × 384
Exterior package dimension	700 × 580 × 500	800 × 580 × 500
G.W/N.W	43 / 40kg	50 / 45kg

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	400 × 200 × 30(4piece)	500 × 250 × 30(4piece)
Dimension	730 × 550 × 510	770 × 600 × 540
Exterior package dimension	810 × 680 × 650	880 × 730 × 700
G.W/N.W	90 / 73kg	105 / 86kg

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 φ250 × 420mm	24L φ250 × 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(AC110V 60Hz)	
Sterilizing plate	340 × 200 × 30(3piece)	400 × 200 × 30(3piece)
Dimension	480 × 480 × 384	580 × 480 × 384
Exterior package dimension	700 × 580 × 500	800 × 580 × 500
G.W/N.W	44 / 40kg	50 / 45kg



Pulsating Vacuum Desktop 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-XD12DV	TM-XD20DV	TM-XD24DV
Technical Data			
Sterilizing chamber volume	12L φ200 × 370mm	18L φ250 × 360mm	24L φ250 × 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	560 × 470 × 400	560 × 470 × 400	675 × 470 × 400
Exterior package dimension	655 × 560 × 495	655 × 560 × 495	765 × 560 × 495
G.W/N.W	48/43 Kg	52/47 kg	58/53 kg

Pulsating Vacuum Desktop 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, culture medium and biological dressing, food, etc.

Characteristics

- ◆ Standard Class B with three times vacuum and drying, the remaining temperature of sterilized instrument is less than 0.2%.
- ◆ LCD display working status, touch keys.
- ◆ The vacuum data can reach -0.8bar, it fits various instrument, including package, unpacked, 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	TM-XD35DV	TM-XD50DV	TM-XD90DV
Technical Data			
Sterilizing chamber volume	35L φ 300 × 500mm	50L φ 340 × 550mm	90L φ 400 × 720mm
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		AC220V 50Hz / 4KW
Dimension	730 × 550 × 510	770 × 600 × 540	1000 × 690 × 610
Exterior package dimension	810 × 680 × 650	880 × 730 × 700	1070 × 740 × 700
G.W/N.W	115/93 kg	130/106 kg	200/180 kg



Horizontal Cylindrical Pressure Steam Sterilizer



Use

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 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

- ◆ 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 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.

Technical Data

MODEL	WS-150YDA	WS-200YDA	WS-280YDA	WS-400YDA	WS-500YDA
Technical Data					
Sterilizing chamber volume	150L φ 440 × 1000	200L φ 515 × 1000	280L φ 600 × 1000	400L φ 700 × 1100	500L φ 700 × 1300
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	1400 × 600 × 1300	1400 × 670 × 1650	1400 × 770 × 1780	1430 × 880 × 1830	1800 × 900 × 1820
Transport dimension	1550 × 750 × 1850	1560 × 820 × 1850	1680 × 920 × 2100	1600 × 1050 × 2100	1850 × 1050 × 2100
G.W/N.W	320 / 240kg	350 / 260kg	465 / 365kg	530 / 420kg	580 / 470kg



Horizontal Cylindrical Pressure Steam Sterilizer



Use

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 unit is an ideal equipment for clinics, scientific research institutes and other organizations to sterilize surgical instruments, fabric glassed, and the culture media etc.

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- ◆ 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.

Horizontal Cylindrical Pressure Steam Sterilizer

Technical Data

MODEL	WS-150YDC	WS-200YDC	WS-280YDC	WS-400YDC
Technical Data				
Sterilizing chamber volume	150L φ440×1000	200L φ515×1000	280L φ600×1000	400L φ700×1100
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	1400×600×1300	1400×670×1650	1400×770×1780	1430×880×1830
Transport dimension	1550×750×1850	1560×820×1850	1680×920×2100	1600×1050×2100
G.W/N.W	320 / 240kg	350 / 260kg	465 / 365kg	530 / 420kg





Horizontal Cylindrical Pressure Steam Sterilizer



Use

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 adjusts 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

- ◆ Automatically controlled the sterilizing process, easy to operate.
- ◆ With drying function, suitable for the medical dressing drying.
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- ◆ 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.

Microcomputer control



Horizontal Cylindrical Pressure Steam Sterilizer

Technical Data

MODEL	WS-150YDB	WS-200YDB	WS-280YDB
Technical Data			
Sterilizing chamber volume	150L φ 440 × 1000	200L φ 515 × 1000	280L φ 600 × 1000
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	1400 × 650 × 1600	1400 × 750 × 1700	1520 × 910 × 1900
Transport dimension	1560 × 820 × 1820	1560 × 910 × 1880	1680 × 1080 × 2100
G.W/N.W	430 / 340kg	436 / 350kg	570 / 462kg

Horizontal Cylindrical Pressure Steam Sterilizer



Use

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 adjusts 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.

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- ◆ 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 φ440 × 1000	200L φ515 × 1000	280L φ600 × 1000
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	1400 × 650 × 1600	1400 × 750 × 1700	1520 × 910 × 1900
Transport dimension	1560 × 820 × 1820	1560 × 910 × 1880	1680 × 1080 × 2100
G.W/N.W	430 / 340kg	436 / 350kg	570 / 462kg

Intelligent Blast Drying Oven

Model ZHG9000 series



Characteristics

- ◆ The chamber of the blasting oven is made up of superior stain steel sheet or the mirror-finish stainless steel sheet, and the outside sprayed with plastic power, double-decked tempered glass-observation, with handsome appearance, and it is safe and convenient to operate on.
- ◆ The blasting oven is controlled by the microcomputer, equipped with temperature setting testing, double digital display and PID self-setting function.
- ◆ Equip with over-temperature auto-protection & time setting, undulatory property is small.
- ◆ The blasting oven is equipped with following alarming function, churned-up hot air circle, low heat age lose, blasting and heating can be separately operated.
- ◆ Hot air circle system is made up of exit fans and suitable fan duct with low noisy, the temperature in the chamber is uniformity.

Technical Data

MODEL	ZHG-9040A(S)	ZHG-9070A(S)	ZHG-9140A(S)	ZHG-9240A(S)	ZHG-9640A(S)
Technical Data					
Power supply	AC220V, 50Hz				
The range of temperature	50℃~300℃				
Heat average	± 1℃				
Followed-alarming	+5℃				
Power	1000W	1500W	2000W	2500W	4500W
Chamber dimension	350 × 350 × 350	450 × 350 × 450	550 × 450 × 550	600 × 500 × 750	800 × 800 × 1000
Dimension	500 × 560 × 705	650 × 560 × 805	750 × 660 × 905	800 × 710 × 1105	1000 × 1010 × 1355

Annotate: A—the inner chamber is made up of galvanized sheet.

AS—the inner chamber is made up of mirror-finish stain steel sheet.



Ultraviolet Lamp Trolley



Characteristics

- ◆ The product is widely applied in medical, scientific research, pharmaceutical, food making, as well as families, factories, and mines for the air sterilization use.

Technical Data

MODEL	SJ-C-I	SJ-B-I	SJ-C-II	SJ-B-II
Technical Data				
Supply voltage	AC220V, 50Hz			
Power	70VA		130VA	
Lamp amount	2 × 30W		4 × 30W	
Timer range	0~120min			
Ultraviolet wave	253.7nm			
Radiant intensity	≥90 μw/cm ²			
Lamp arm adjust angle	90° , 120° , 150°			
Transport dimension	1160 × 410 × 370	1160 × 410 × 370	1160 × 410 × 370	1160 × 410 × 370
Weight	18kg	18kg	24kg	24kg

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 froygen-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	