

KATALOG SHINVA

SHINVA



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MULTI FUNCTION LARGE WASHER DISINFECTOR

DQX1500



DQX Large-scale cart washer disinfector is specially designed for large items such as : trolley, racks, and vessels. Its featured by huge-capacity, through cleaning and high degree of automation.

- The door is automatically horizontal sliding style. Its easy to operate.
- The door is of double-layer safety toughened glass which is convenient for the operator to observe the chamber washing items and it is good at heat and noise insulation.
- The door is impacted automatically through a special structure. An execute component will impact the door on the sealing join strip when the door is closed, which makes the door an excellent sealing function.

FEATURES

- Unique Side Spraying System
- The Bottom Tilting System
- Automatic Doorsill
- Temperature is Continuously Adjustable
- Automatic Detergent Adding
- High-Efficiency Air Heating System
- Unique Hot Air Distribution System
- Water-Saving System
- Easy Instalation
- Reliable Operating Safety Performance
- Humanity Control System

SPECIFICATION

- Overall Dimension : 1650mm x 2160mm x 1850mm (LxWxH)
- Available Chamber Size : 1200mm x 820mm x 1300mm (LxWxH)
- Water Consumption : 55L/Step
- Power : 380V/17KW 220V/1KW
- Water Treatment Temperature : ≤ 90°C
- Steam Flow : 140 Kg/h
- Steam Pressure : 0.3-0.5Mpa

AUTOMATIC WASHER DISINFECTOR, 320 LITER

EASY 350



SAFETY FEATURE

- Interlock device - The two doors are interlocked each other, the front door cannot be opened until the back one is closed, or vice versa.
- Self locking - a cycle cannot be started until the door is closed and the door cannot be opened until the cycle comes to the end. Standard working procedures are: washing, first rinse, second rinse, third rinse (with disinfection), drying.
- There are 10 built-in programs and 16 reserved ones for customer's choice on the equipment.
- The equipped printer for automatic temperature, time, graphic and A0 value printing.

WORKING PRINCIPLE

- Soften or distilled (pure) water as medium circulating inside the chamber pipes under the force of the large runoff pump spraying out from the jet to clean the objects to be washed, meanwhile a thorough clean can be achieved with automatic ringe-solution and coating oil, besides the cleaning water is heated automatically for disinfection on the objects
- The bottom of the chamber is a V-Shape structure, which ensures drainage completely, easy for drying, and this structure also save water and energy. There are installed two jetting arms, one on top and another at the bottom of the chamber, which eject water to clean objects
- Manual downward open door is adopted, for the convenience of separating the aseptic area and the non-aseptic area. When the door is opened to its end at a horizontal level, it can be used as a platform for loading the rack on
- The door is a two layer armoured glass structure, safe and heat-proof, also convenient for observation for the operation inside the chamber

SPECIFICATION

- Overall Dimension : (760 x 710 x 1930) mm
- Chamber Size : 320 Liter
- Net Weight : 300 Kg
- Structure : Vertical standing
- Door Type : Drop Down Double Door
- Power Supply : 3 phase x 380 V / 1 phase x 220V/50Hz
- Total Power : Electrical Heating : 22,5 KW
- Temperature Control : Disinfection 80° ~ 93°C
Rinsing 45°C
Drying 70°~ 110°C
- Rack : Four Layer Instrument Rack
- Water Treatment : Filter strainer to prevent and reduce water particle

PULSE VACUUM STERILIZER, 280 LITER

MAST-V-280



ACCESSORIES

- 1 Unit Loading Cart made of SUS304 Stainless Steel
- 2 unit Transfer Trolley made of SUS304 Stainless Steel

SPECIFICATION

- Chamber size	: 535 x 535 x 1000)mm
- Chamber Volume	: 280 Liter
- Overall Dimension	: (1200 x 1800 x 1340)mm
- Steam Source	: Built-in steam generator
- Door Type / Model	: Double Door/Vertical Sliding Door
- Net Weight	: 1000 kg
- Max water Cons	: 250 kg/cycle
- Sterilization time	: 30 minute
- Input Power	: 380 V - 29 kVA

FEATURES

- Chamber is designed according to professional analytical method. High-emulation software ANSYS is used for chamber simulation. Design service life: 10 years (or 2000 times sterilization)
- The inner chamber is made of SUS 316L Stainless steel and the jacket is made of SUS 316L Stainless steel. It is welded by automatic welding machines.
- Body and piping material made of SUS 304, frame material made of Stainless Steel.
- Sterilization process are automatically operated, recorded and printed by the control of Microcomputer. It is equipped with text printer.
- Door plate made of SUS316L stainless steel, Outside cover made of SUS304 stainless steel, Insulation cover made of Embossed aluminium sheet
- Touch Screen , All parameter easily displayed , stored and printed.
- The Control Panel Screen shows the Pipeline diagram while the machine running, in order to control the process easily
- Nash elmo Vacuum pump makes the supply of water is efficiently and stably.
- The door is up and down vertical sliding by air cylinder. It is faster and save space, while offering proven, handles-free convenience
- The pipeline system adopts the SUS 304 stainless steel pneumatic angle-seat valve. It is welded by an automatic welding machine, easy to clean and without dead corner
- Maximum capacity for the basket is 4 (four) Large Basket.
- The cold air in chamber is forcibly removed by vacuum pulse with the advantage of high efficiency , totally sterilized and dries efficiently
- Steam Generator made of SUS304 stainless steel Steam source can be switch between internal and external boiler.

PULSE VACUUM STERILIZER, 450 LITER

MAST-V-450



SPECIFICATION

- Chamber size	: (675 x 675 x 1000)mm
- Chamber Volume	: 450 Liter
- Overall Dimension	: ((1307 x 1900 x 1340)mm
- Steam Source	: Built-in steam generator
- Door Type / Model	: Vertical Sliding Door
- Net Weight	: 1400 kg
- Input Power	: 380 V - 46 kVA
- Power Supply	: AC 380V, 50 Hz

ACCESSORY

- Cart and Trolley Load

FEATURES

- The inner chamber is made of SUS 304 Stainless steel and the jacket is made of carbon steel. It is welded by automatic welding machines.
- Body and piping material made of SUS 304 Stainless steel
- Sterilization process are automatically operated, recorded and printed by the control of microcomputer. It is equipped with text printer
- Full Touch Screen , All parameter easily displayed , stored and printed.
- The Control Panel Screen shows the Pipeline diagram while the machine running in order to control the process easily
- Nash elmo Vacuum pump makes vacuum process effective and the supply of water is efficiently.
- The sealing door is lifted and compressed air sealed ,so that operation is safe, simple, and reliable.
- The pipeline system adopts the stainless steel pneumatic angle-seat valve It is welded an automatic welding machine, easy to clean and without dead corner
- The cold air in chamber is forcibly removed by vacuum pulse with the advantage of high efficiency , totally sterilized and dries efficiently
- Steam source can be switch between internal and external boiler.

TABLE-TOP STEAM STERILIZER, 24 LITER

MOST-T24



SAFETY DEVICE

- Over heating protection : system will cut off power automatically and send alarm if chamber temperature is over heating
- Double protection for over pressure : safety valve can automatically release pressure if pressure is over design pressure; it can also exhaust and send alarm
- Protection for steam generator : water level protection, over heating protection, controlled by pressure controller, exhaust automatically if over pressure
- Door interlock device : it will start only after the door is closed completely; door cannot be opened if there is pressure in chamber
- Circuit safety device : alternating current major loop has short circuit device, direct current loop has over voltage protection

TECHNICAL PARAMETERS

- Design Pressure	: -0.1/0.3MPa
- Design Temp.	: 144 oC
- Temp Range	: 105 oC-136 oC
- Chamber Material	: 06Cr19Ni10 Stainless Steel
- Power Supply	: 220V 50/60Hz
- Chamber Volume	: 24 Liter
- Chamber Dimension	: 250mm x 450mm (φxL)
- Overall Dimension	: 685mm x 515mm x 450mm
- Net Weight	: 65KG
- Power Supply	: 2 KW

MAIN FEATURES

- PLC Control, colorful touch screen as interface controlled by microcomputer and can be connected with computer
- B class Autoclave
- Temperature, pressure, time, running status, error alarm can be dynamic display
- Water filling, vacuum heating, sterilization, exhaust, vacuum drying are fully automatic
- High performance imported vacuum pump is installed, the method of pulse vacuum can draw out cool air completely
- Pre and Post vacuum drying system, humidity residue is less than 1%
- Built-in steam generator and steam-water separation device, so high quality steam can be provided by itself
- The Control Panel Screen shows the Pipeline diagram while the machine running, in order to control the process easily
- Chamber heating film can realize quick preheating and uniformity temperature
- It has more than 20 programs that can be set by user such as instrument, textile, rubber, BD, Vacuum can be chosen
- BD test program and leak test program are preset, leakage rate is than 0.13kpa/min and it can pass PCD test
- Buzzer will alarm for cycle end
- It has maintenance hint function s that user can maintain autoclave easily
- Printer is installed, it can print date, time and process, 15-99 seconds can be set for print interval

TABLE-TOP STEAM STERILIZER, 60 LITER

MOST-T60



SAFETY DEVICE

- Over heating protection : system will cut off power automatically and send alarm if chamber temperature is over heating
- Double protection for over pressure : safety valve can automatically release pressure if pressure is over design pressure; it can also exhaust and send alarm
- Protection for steam generator : water level protection, over heating protection, controlled by pressure controller, exhaust automatically if over pressure
- Door interlock device : it will start only after the door is closed completely; door cannot be opened if there is pressure in chamber
- Circuit safety device : alternating current major loop has short circuit device, direct current loop has over voltage protection

TECHNICAL PARAMETERS

- Design Pressure	: -0.1/0.3MPa
- Design Temp.	: 144 oC
- Temp Range	: 105 °C-136 °C
- Chamber Material	: 06Cr19Ni10 Stainless Steel
- Power Supply	: 220V 50/60Hz
- Chamber Volume	: 60 Liter
- Chamber Dimension	: 385mm x 595mm (φxL)
- Overall Dimension	: 1002mm x 730mm x 560mm
- Net Weight	: 160KG
- Power Supply	: 7 KW

MAIN FEATURES

- PLC Control, colorful touch screen as interface controlled by microcomputer and can be connected with computer
- B class Autoclave
- Temperature, pressure, time, running status, error alarm can be dynamic display
- Water filling, vacuum heating, sterilization, exhaust, vacuum drying are fully automatic
- High performance imported vacuum pump is installed, the method of pulse vacuum can draw out cool air completely
- Pre and Post vacuum drying system, humidity residue is less than 1%
- Built-in steam generator and steam-water separation device, so high quality steam can be provided by itself
- The Control Panel Screen shows the Pipeline diagram while the machine running, in order to control the process easily
- Chamber heating film can realize quick preheating and uniformity temperature
- It has more than 20 programs that can be set by user such as instrument, textile, rubber, BD, Vacuum can be chosen
- BD test program and leak test program are preset, leakage rate is than 0.13kpa/min and it can pass PCD test
- Buzzer will alarm for cycle end
- It has maintenance hint function s that user can maintain autoclave easily
- Printer is installed, it can print date, time and process, 15-99 seconds can be set for print interval

TABLE-TOP STEAM STERILIZER, 80 LITER

MOST-T80



SAFETY DEVICE

- Over heating protection : system will cut off power automatically and send alarm if chamber temperature is over heating
- Double protection for over pressure : safety valve can automatically release pressure if pressure is over design pressure; it can also exhaust and send alarm
- Protection for steam generator : water level protection, over heating protection, controlled by pressure controller, exhaust automatically if over pressure
- Door interlock device : it will start only after the door is closed completely; door cannot be opened if there is pressure in chamber
- Circuit safety device : alternating current major loop has short circuit device, direct current loop has over voltage protection

TECHNICAL PARAMETERS

- Design Pressure	: -0.1/0.3MPa
- Design Temp.	: 144 °C
- Temp Range	: 105 °C-136 °C
- Chamber Material	: 06Cr19Ni10 Stainless Steel
- Power Supply	: 220V 50/60Hz
- Chamber Volume	: 80 Liter
- Chamber Dimension	: 385mm x 717mm (φxL)
- Overall Dimension	: 1002mm x 730mm x 560mm
- Net Weight	: 180KG
- Power Supply	: 7 KW

MAIN FEATURES

- PLC Control, colorful touch screen as interface controlled by microcomputer and can be connected with computer
- B class Autoclave
- Temperature, pressure, time, running status, error alarm can be dynamic display
- Water filling, vacuum heating, sterilization, exhaust, vacuum drying are fully automatic
- High performance imported vacuum pump is installed, the method of pulse vacuum can draw out cool air completely
- Pre and Post vacuum drying system, humidity residue is less than 1%
- Built-in steam generator and steam-water separation device, so high quality steam can be provided by itself
- The Control Panel Screen shows the Pipeline diagram while the machine running, in order to control the process easily
- Chamber heating film can realize quick preheating and uniformity temperature
- It has more than 20 programs that can be set by user such as instrument, textile, rubber, BD, Vacuum can be chosen
- BD test program and leak test program are preset, leakage rate is than 0.13kpa/min and it can pass PCD test
- Buzzer will alarm for cycle end
- It has maintenance hint functions that user can maintain autoclave easily
- Printer is installed, it can print date, time and process, 15-99 seconds can be set for print interval

ENDOSCOPE WASHER DISINFECTOR, SINGLE CHAMBER

RIDER 50B



An endoscope can be wash-disinfected within 15mins by Rider which dramatically improves the endoscope turnover efficiency.

TECHNICAL PARAMETERS

- Power	: 4.5 KW
- Power Supply	: 220V 50Hz
- Weight	: 110 Kg
- Water Pressure	: 0.35-0.4Mpa
- Water PH Value	: 6.5-9
- Water Drainage	: Upper Drainage
- Water Consumption/Cycle	: 20 Liter

FEATURES

- **Process Data Printing**
For filling purpose, the printer will print all of process data timely during the operation
- **Process Data Management**
The system collects information of endoscope and operator and connect the process data will computer managing system to archive synchronization management of patient and disinfection information.
- **Omnibearing Wash-Disinfection**
The tank equipped with rotating nozzle and spray arm to wash the outer surface of the endoscope, in the meanwhile, the circulating water flow keeps flushing the endoscope from inside.
- **Endoscope Pressure Booster Pump**
Its used for washing of tiny pipe, such as air/water injection nozzle, to reduce the formation probability of bacteria biofilm.
- **Sterile Water Rinse**
To avoid secondary contamination caused by unsanitary water, the endoscope will be rinsed by sterile water which filter by 0.2µm filter after disinfection.
- **Drying Function**
Its used for drying the inner and outer surface of endoscope. Rider equipped with air drying and alcohol drying for user to select.

PLASMA STERILIZER, 64 LITER

PS-40X



TECHNICAL PARAMETERS

- Chamber Dimensions	: 650mm x 380mm x 260mm(LxWxH)
- Door Type	: Table Top
- Volume	: 64 L
- Overall Dimensions	: 850mm x 725mm x 750mm(LxWxH)
- Weight	: 200Kg
- Microbicide	: 60% hydrogen peroxide
- Consumption	: 4.4ml per standard cycle
- Sterilization Time	: standard cycle takes 50 minutes
- Sterilization Temperature (°C)	: 50 +/-5 ;
- Chamber Vacuum Compression	: 10~60pa
- Power supply	: 3 phase 220V 50Hz Power
- Power	: 3KW
-Working condition	: 10~40
- Standard of HF Power source :	: Frequency 13.56MHz,
- Installation space :	: Min Space: 1000mm x1200mm
- Incubator	: Built in Incubator
- H2O2 Sterilization Medicament	: Cassette
- Free Accessories :	
- Plastic Packing Bag (25 m)	: 1 roll
- Non Woven Fabric	: 1 pack
- Biology Indicator	: 10 pcs
- Chemical Indicator	: 100 pcs
- H2O2 Sterilization Medicament	: 2 cassette
- Label Indicator	: 300 pcs
- Print Paper	: 20 roll

PLASMA STERILIZER, 135 LITER

PS-100



TECHNICAL PARAMETERS

- Chamber Dimensions	: 750mm x 450mm x 400mm(LxWxH)
- Door Type	: Vertical Sliding Single Door
- Volume	: 135 L
- Overall Dimensions	: 940mm x 860mm x 1700mm(LxWxH)
- Weight	: 400Kg
- Microbicide	: 60% hydrogen peroxide
- Consumption	: 4.4ml per standard cycle
- Sterilization Time	: standard cycle takes 50 minutes
- Sterilization Temperature (°C)	: 50 +/-5 ;
- Chamber Vacuum Compression	: 10~60pa
- Power supply	: 3 phase 220V 50Hz Power
- Power	: 3KW
-Working condition	: 10~40
- Standard of HF Power source :	: Frequency 13.56MHz,
- Installation space :	: Min Space: 1200mm x1500mm
- Incubator	: Built in Incubator
- H2O2 Sterilization Medicament	: Cassette
- Free Accessories :	
- Plastic Packing Bag (25 m)	: 1 roll
- Non Woven Fabric	: 1 pack
- Biology Indicator	: 10 pcs
- Chemical Indicator	: 100 pcs
- H2O2 Sterilization Medicament	: 2 cassette
- Label Indicator	: 300 pcs
- Print Paper	: 20 roll
- Metal Tray	: 2 pcs (255 x 160 x 60) mm

BEDPAN WASHER DISINFECTOR, 80 LITER

QUICK-A-80



TECHNICAL PARAMETERS

- Capacity	: 80 Liter
- Chamber Dimension (L*W*H)	: 442*442*453 (mm) C
- Overall Dimension (L*W*H)	: 600*600*925 (mm)
- Weight	: 100 Kg
- Disinfection Temp.	: 80 - 100°C
- Washing Temp.	: 45 - 55°C
- Disinfection Time	: 0 - 99 Min (adjustable)
- Running Time	: 4 - 10 Min (Instrument Cycle)
- Load Capacity	: 1 Bedpan + 2 Urinals Man Urinals : 4 Units (Medium) Woman Urinals : 4 Units (Medium)
- Water Consumption	: 40 L/Cycle (Instrument Cycle)
- Pressure	: 0.5 - 0.5 MPa
- Power	: 3 kVA
- Electricity	: 1 kWh

MAIN FEATURES

- Mainly used to wash human waste containers
- Automatic revolving door, with automatic dump function and peculiar smell prevention function.
- Mould stretch forming chamber, no washing dead angle
- Thermal disinfection technology with varieties of washing programs
- Fast, complete the whole washing and disinfection cycles in 4-10 mins
- Optional for chemical disinfection function and washing detergent automatic injection function
- With online blocking testing function
- Comply with the ISO15883 and YY/T 0734.3-2009 standard
- 3 built in programs : P1 Light washing, P2 Medium washing, P3 Heavy washing

ULTRASONIC WASHER, 30 LITER

QX300-F



TECHNICAL PARAMETERS

- Ultrasonic Frequency	: 40 KHz, 40/80 KHz (dual frequency)
- Ultrasonic Power	: 600 W
- Capacity	: 30 Liter
- Heating Manner	: by electricity
- Power Source	: Single Phase AC220V;50 Hz
- Tank Dimension	: 495mm x 295mm x 200mm (LxWxD)
- Overall Dimension	: 550mm x 330mm x 360mm (LxWxD)
- Shaking Elements	: 10
- Heating Power	: 500 W
- Temperature	: 0-80°C
- Weight	: 15 KG
- Drain	: Yes
- Lid	: Yes

MAIN FEATURES

- It can be used to wash hemostat, forceps, cut knives, tooth moulds, injection needles, tubes, bowls, plates, etc in stomatology, ophthalmology, laboratory and other related departments.
- Analog or digital control, temperature and time can be adjusted, cover, tank and basket are all made of stainless steel; tank is made by mould and without welding; precise sensor

SMALL WASHER DISINFECTOR, 175 LITER

SMART175-LG



SAFETY FEATURES

- Electronic security locks can ensure maximum safety of operators and equipment
- Program failure alarm
- Visual of auditory cues at the end of the program
- Instal in cleaning tank interior, temperature detection and protection devices

INTRODUCTION

Small smart series fully automatic washer-disinfector is a new kind of automatic cleaning and disinfection equipment, its using automatic Control of microcomputer, is mainly used for dental clinics, hospitals, department of oral dental instruments, appliances, vessels and the article such as glass, bottle, cleaning, and under the high temperature of 93oC for cleaning disinfection treatment, meet the cleaning and disinfection of standards.

SPECIFICATION

- Overall Dimension	: 660mm x 600mm x 1439mm (LxWxH)
- Chamber Size	: 175 Liter
- Net Weight	: 145 Kg
- Disinfection Temp	: 80-93 °C
- Washing Temp	: 45 °C
- Discharge Temp	: 50-110 °C
- Power Sauce	: 220V/50Hz
- Power	: 6KW

PERFORMANCE

- SMART series of cleaning tank is divide into two layers (upper and the lower basket), the upper frame is used for washing all kinds of dental cleaning (a total of 28, the dental plug standard 18 high-speed, 10 the low-speed)
- The lower cleaning rack is used for cleaning utensils, disks, accessories, etc.
- The exact amount of water can be used to ensure proper use of water
- Precise control of the amount of cleaning agent can ensure the equipments minimum running cost under optimal performance

PULSE VACUUM STERILIZER, 450 LITER

MAST-V-450



SPECIFICATION

- Chamber size	: (675 x 675 x 1000)mm
- Chamber Volume	: 450 Liter
- Overall Dimension	: ((1307 x 1900 x 1340)mm
- Steam Source	: Built-in steam generator
- Door Type / Model	: Vertical Sliding Door
- Net Weight	: 1400 kg
- Input Power	: 380 V - 46 kVA
- Power Supply	: AC 380V, 50 Hz

ACCESSORY

- Cart and Trolley Load

FEATURES

- The inner chamber is made of SUS 304 Stainless steel and the jacket is made of carbon steel. It is welded by automatic welding machines.
- Body and piping material made of SUS 304 Stainless steel
- Sterilization process are automatically operated, recorded and printed by the control of microcomputer. It is equipped with text printer
- Full Touch Screen , All parameter easily displayed , stored and printed.
- The Control Panel Screen shows the Pipeline diagram while the machine running in order to control the process easily
- Nash elmo Vacuum pump makes vacuum process effective and the supply of water is efficiently.
- The sealing door is lifted and compressed air sealed ,so that operation is safe, simple, and reliable.
- The pipeline system adopts the stainless steel pneumatic angle-seat valve It is welded an automatic welding machine, easy to clean and without dead corner
- The cold air in chamber is forcibly removed by vacuum pulse with the advantage of high efficiency , totally sterilized and dries efficiently
- Steam source can be switch between internal and external boiler.

PULSE VACUUM STERILIZER, 135 LITER

XG1.DM-135M



MAIN FEATURES

- PLC Control, colorful touch screen as interface controlled by microcomputer and can be connected with computer
- B class Autoclave
- Temperature, pressure, time, running status, error alarm can be dynamic display
- Water filling, vacuum heating, sterilization, exhaust, vacuum drying are fully automatic
- High performance imported vacuum pump is installed, the method of pulse vacuum can draw out cool air completely
- Pre and Post vacuum drying system, humidity residue is less than 1%
- Built-in steam generator and steam-water separation device, so high quality steam can be provided by itself
- The Control Panel Screen shows the Pipeline diagram while the machine running, in order to control the process easily
- Chamber heating film can realize quick preheating and uniformity temperature
- It has more than 20 programs that can be set by user such as instrument, textile, rubber, BD, Vacuum can be chosen
- BD test program and leak test program are preset, leakage rate is than 0.13kpa/min and it can pass PCD test

TECHNICAL PARAMETERS :

- | | |
|-----------------------------------|--------------------------|
| - Design pressure | : -0.1/0.28 MPa |
| - Maximum working pressure | : 0.23 MPa |
| - Vacuum limit | : -0.080MPa |
| - Accuracy of pressure display | : 0.1 Kpa |
| - Sterilization temperature | : 105~136°C |
| - Accuracy of temperature display | : 0.1°C |
| - Temperature uniformity | : $\leq \pm 0.5$ °C |
| - Chamber material | : SUS304 stainless steel |
| - Chamber volume | : 135 Liter |
| - Chamber dimension | : 500 x 710 mm |
| - Overall dimension (LxWxH) | : 1110 x 750 x 1742 mm |
| - Net Weight | : 400 kg |
| - Voltage | : 220V |
| - Power | : 11 KW |

PULSE VACUUM STERILIZER, 185 LITER

XG1.DM-185M



MAIN FEATURES

- PLC Control, colorful touch screen as interface controlled by microcomputer and can be connected with computer
- B class Autoclave
- Temperature, pressure, time, running status, error alarm can be dynamic display
- Water filling, vacuum heating, sterilization, exhaust, vacuum drying are fully automatic
- High performance imported vacuum pump is installed, the method of pulse vacuum can draw out cool air completely
- Pre and Post vacuum drying system, humidity residue is less than 1%
- Built-in steam generator and steam-water separation device, so high quality steam can be provided by itself
- The Control Panel Screen shows the Pipeline diagram while the machine running, in order to control the process easily
- Chamber heating film can realize quick preheating and uniformity temperature
- It has more than 20 programs that can be set by user such as instrument, textile, rubber, BD, Vacuum can be chosen
- BD test program and leak test program are preset, leakage rate is than 0.13kpa/min and it can pass PCD test

TECHNICAL PARAMETERS :

- Design pressure	: -0.1/0.28 MPa
- Maximum working pressure	: 0.23 MPa
- Vacuum limit	: -0.080MPa
- Accuracy of pressure display	: 0.1 Kpa
- Sterilization temperature	: 105~136°C
- Accuracy of temperature display	: 0.1°C
- Temperature uniformity	: $\leq \pm 0.5$ °C
- Chamber material	: SUS304 stainless steel
- Chamber volume	: 185 Liter
- Chamber dimension	: 500 x 950 mm
- Overall dimension (LxWxH)	: 1350 x 750 x 1742 mm
- Net Weight	: 460 kg
- Voltage	: 220V
- Power	: 11 KW

PULSE VACUUM STERILIZER, 300 LITER

XG1.DM-300M



MAIN FEATURES

- PLC Control, colorful touch screen as interface controlled by microcomputer and can be connected with computer
- B class Autoclave
- Temperature, pressure, time, running status, error alarm can be dynamic display
- Water filling, vacuum heating, sterilization, exhaust, vacuum drying are fully automatic
- High performance imported vacuum pump is installed, the method of pulse vacuum can draw out cool air completely
- Pre and Post vacuum drying system, humidity residue is less than 1%
- Built-in steam generator and steam-water separation device, so high quality steam can be provided by itself
- The Control Panel Screen shows the Pipeline diagram while the machine running, in order to control the process easily
- Chamber heating film can realize quick preheating and uniformity temperature
- It has more than 20 programs that can be set by user such as instrument, textile, rubber, BD, Vacuum can be chosen
- BD test program and leak test program are preset, leakage rate is than 0.13kpa/min and it can pass PCD test

TECHNICAL PARAMETERS :

- Design pressure	: -0.1/0.28 MPa
- Maximum working pressure	: 0.23 MPa
- Vacuum limit	: -0.080MPa
- Accuracy of pressure display	: 0.1 Kpa
- Sterilization temperature	: 105~136°C
- Accuracy of temperature display	: 0.1°C
- Temperature uniformity	: $\leq \pm 0.5$ °C
- Chamber material	: SUS304 stainless steel
- Chamber volume	: 300 Liter
- Chamber dimension	: 632 x 1000 mm
- Overall dimension (LxWxH)	: 1400 x 890 x 1780 mm
- Net Weight	: 750 kg
- Voltage	: 220V
- Power	: 17 KW

PULSE VACUUM STERILIZER, 800 LITER

XG1.DWHD-0.8B



FEATURES

- The inner chamber is made of SUS 304 Stainless steel and the jacket is made of carbon steel. It is welded by automatic welding machines.
- Body and piping material made of SUS 304
- Sterilization process are automatically operated, recorded and printed by the control of microcomputer. It is equipped with text printer
- Full Touch Screen , All parameter easily displayed , stored and printed.
- The Control Panel Screen shows the Pipeline diagram when the machine running,in order to control the process easily
- Nash elmo Vacuum pump makes the supply of water is efficiently and stably.
- The sealing door is motor lifted and compressed air sealed ,so that operation is safe ,simple, and reliable.
- The pipeline system adopts the stainless steel pneumatic angle-seat valve It is welded by an automatic welding machine, easy to clean and without dead corner
- The cold air in chamber is forcibly removed by vacuum pulse with the advantage of high efficiency , totally sterilized and dries efficiently
- Steam source can be switch between internal and external boiler.

TECHNICAL PARAMETERS :

- | | |
|----------------------|---|
| - Chamber size | : 1460mm x 610mm x 910mm |
| - Chamber Volume | : 800 Liter |
| - Overall Dimension | : 1700mm x 1350mm x 1970mm |
| - Steam Source | : Inside steam generator (can be switch to outside boiler) |
| - Door Type | : Combination of Automatic Slide and Swing Double Door
The sealing door is motor lifted and compressed air sealed. |
| - Net Weight | : 1460 kg |
| - Steam Consumption | : 28 kg/cycle |
| - Max water Cons | : 300 kg/cycle |
| - Sterilization time | : 30 minute |
| - Power supply | : Dynamic Power Supply: 3-AC380V/50HZ/60 KW |
| : | Control Power Supply: AC220V/50HZ/1 KW |
| - Accessories | : Loading Rack and Trolley |

PULSE VACUUM STERILIZER, 360 LITER

XG1.DWHD-0.36B



FEATURES

- The inner chamber is made of SUS 304 Stainless steel and the jacket is made of carbon steel. It is welded by automatic welding machines.
- Body and piping material made of SUS 304
- Sterilization process are automatically operated, recorded and printed by the control of microcomputer. It is equipped with text printer
- Full Touch Screen , All parameter easily displayed , stored and printed.
- The Control Panel Screen shows the Pipeline diagram when the machine running, in order to control the process easily
- Nash elmo Vacuum pump makes the supply of water is efficiently and stably.
- The sealing door is motor lifted and compressed air sealed ,so that operation is safe ,simple, and reliable.
- The pipeline system adopts the stainless steel pneumatic angle-seat valve It is welded by an automatic welding machine, easy to clean and without dead corner
- The cold air in chamber is forcibly removed by vacuum pulse with the advantage of high efficiency , totally sterilized and dries efficiently
- Steam source can be switch between internal and external boiler.

TECHNICAL PARAMETERS :

- Chamber size : 980mm x 600mm x 600mm
- Chamber Volume : 360 Liter
- Overall Dimension : 1256mm x 1240mm x 1780mm
- Steam Source : Inside steam generator (can be switch to outside boiler)
- Door Type : Combination of Automatic Slide and Swing Double Door
The sealing door is motor lifted and compressed air sealed.
- Net Weight : 730 kg
- Max water Cons : 250 kg/cycle
- Sterilization time : 30 minute
- Power supply : Dynamic Power Supply: 3-AC380V/50HZ/20 KW
- Accessories : Loading Rack and Trolley

ETHYLENE OXIDE STERILIZER, 225 LITER

XG2.C-220



FEATURES

- **Accurate Parameter Control**
Sterilization temperature, humidity, pressure and time data are collected by relative sensor and transferred to PLC.
- **Perfect Chamber Temperature Conducting**
Chamber is made of aluminium alloy which has good thermal conductivity makes chamber temperature conducting fast and uniformity
- **Dual Sterilization Temperature Choices**
High temperature 55°C, Low temperature 37°C
- **Humidify Control System**
Humidity sensor in high accuracy ensures chamber keep in stable level
- **Power Off Memory Function**
Once power off, the sterilization data will be saved automatically continue the sterilization when power on

SPECIFICATION

Machine

- Chamber size : 1250x450x400 mm
- Chamber Volume : 225 Liter
- Overall Dimension : 1450x860x1730
- Input Power : 4.5kVA, 220V, 50Hz

EO Gas Can

- Net Weight : 170g
- Sterilization Concentration : 750mg/L

Automatic Lifting Trolley

- Loading Platform Dimension : 1300x400 mm
- Overall Dimension : 1650x780x1165
- Lifting Range : 720 - 1220
- Max Load Capacity : 150kg
- Weight : 70kg

ETHYLENE OXIDE STERILIZER, 240 LITER

XG2.SHS.0-24



FEATURES

1. Mainly used in sterilization of medical polymer material, medical electronic, Instrument, optical instrument, medicine, medical material etc
2. It has auto control function such as medicine control, time control, Temperature control and residue gas treatment.
3. Double-coated cubic body construct, strict quality and security standard
4. Security, easy operating, reliable sealing door. The machinery and electronic system keeps the door sealed when operation
5. Full Touch Screen , All parameter easily displayed , stored and printed.
6. The Control Panel Screen shows the Pipeline diagram while the machine running, in order to control the process easily
7. Heat – resisting and durable sealing washer
8. Water cycle model vacuum pump prevent air from the sterilization room, keeps the good through sterile and dry
9. Whole procedure is under the control of high reliable microcomputer It has touch screen panel to operate and control the process

SPECIFICATION

- | | |
|--------------------------|---|
| 1. Chamber size | : (670 x 600x 600) mm |
| 2. Chamber Volume | : 240 Liter |
| 3. Overall Dimension | : (870x1166x1780) mm |
| 4. Power | : Electric Heating Source |
| 5. Rated Temperature | : 38o - 63oC |
| 6. Rated pressure | : 0.08 Mpa |
| 7. Net Weight | : 600 kg |
| 8. Max water consumption | : 250 Kg/Cycle |
| 9. Sterilization time | : 6-10 hour |
| 10. Water treatment | : Filter strainer |
| 11. Power supply | : Control Power : AC220V/50HZ/1KW
Driving Power : 3-AC380V/50HZ/16KW |
| 12. Gas Source | : Outside Tube Gas storage Capacity 10 liter |

MEDICAL DRYING CABINET, 500 LITER

YGX-1600XS



STANDARD CONFIGURATION :

- 1 Main Machine (304 Stainless steel)
- 8 Rack (Stainless steel)
- 8 DIN standard instrument tray (the quantity is customized)
- 2 Pipe Support (easy to use, multi-functional)
- 1 Water Collector (stainless steel)

FEATURES

- It can be used for surgical operating instrument, glass ware, stainless steel dish and bowl, breathing tube and humidification bottle.
Drying temperature setting range : 40~90°C (adjustable);
Drying time setting range: 1~99min (adjustable)
- The chamber adopts 304 stainless steel wire drawing board; outer cover adopts 304 stainless steel with plastic spray; The doors is equipped with glass visual window.
- Classification; Single Door and Double Door
- Control; Independent drying programs, LCD screen, 10 sets default programs with adjustable parameters
- Working Ability; Large capacity that could handle 16 DIN standard instrument trays or 48 anesthesia/breathing tubes at same time.
- The water collector which is installed on the bottom of the equipment could discharge water without door opening.
- Multi functional castors provide convenient transfer and equipment fixing.

SPECIFICATION

Overall Size	: 720x2230x750mm
Chamber Size	: 600x1602x510mm
Chamber Volume	: 500 Liter
Net Weight	: 280Kg
Door Type	: Double Door
Power Supply	: AC 380V, 50 Hz
Environmental Temperature	: 5 ~ 40°C
Relative Humidity	: 20°C ≤ 90%
Thermal Heater	: 8 kVA
Wind Fan	: 0.6 kVA
Rated Power	: 9 kVA