



CIMA[®]
Industries Inc.
Pharmaceutical Equipment

SHINVA

DENTAL INTEGRATED SOLUTION



» XH50

- According with ergonomics theory, three-dimensional dynamic design, much more meeting the human motion theory
- With wide chair back, unique design for backrest, the patients will feel more comfortable when sitting in the chair
- Extra-large instrument plate can hold various kinds of therapy instruments, easy to use
- Removable side tank and cleaning bottle can add water without disassembly
- The intelligent linkage design of the seat and chair back, the patients will not have the feeling of rubbing back and tugging back in the therapy chair
- The strong and weak sucker equip with external strainer, it has the function of filter the sediment, easy to disassemble and convenient for cleaning and disinfection
- Luxury streamline LED light, inductive and adjustable light source, the illumination will not have any dead angle
- Use Denmark LINAK linear mute motor, the operation is safe and stable
- Nine functioning pattern in the assistant position
- Interlock function of the machine and the chair
- Safety protection function when seat and chair back meet resistance





STANDARD CONFIGURATION

Hanging /pulling type instrument plate	1set
Three-way syringe	2 (one cold and one hot)
Inductive and adjustable luxury streamline dental cold-light lamp	1set
Built-in LED film viewer	1set
Purified water system	1set
Left armrest	1set
Cupping and constant-temperature mouth wash	1set
Powerful/weak saliva ejector	1set
Dental seat for doctor	1set

Cassette sterilizer

Dmax-N series small size steam sterilizer

Dmax-N series small size steam sterilizer is a kind of full-automatic rapid sterilizing equipment which takes pressure steam as medium. It is used for the steam sterilization of small instruments in stomatology, ophthalmology, E.N.T. department, gynecology, operating room, etc.

Main performance

- Rapid: the whole sterilization only takes 9 to 12 minutes, much more fast than normal steam sterilization
- Safe: the heating time of precise medical instrument is short, it can relatively prolong the service life of instruments
- Convenient: easy operation, the cassette box can be taken as carriers to store and transport instrument, you can conduct sterilization at any time you want
- Microprocessor, LCD and touch button
- LCD for temperature, pressure, time, running status and failure warning
- Displacement, heating up, pressure rising, sterilizing, exhausting and drying, the whole process is automatic running
- Built-in steam generator, external gas source is no need
- With standard configuration printer, printing the parameter



Various sterilizing cycle

Dmax-N series small size steam sterilizer provides 4 kind of automatic sterilizing cycles; each cycle is designed for one specific instruments

Button	Cycle name	Applicable instrument	Sterilizing temperature	Sterilizing time
	Instrument process	Metal instrument, such as forceps, drill point, dental scaler, tweezers, etc.	134℃	4min
	Wrapped instrument	Sterilizing bag (paper/paper or paper/plastic)	134℃	10min
	Non-metal instrument	Rubber or plastic	121℃	20min
	Large instrument	Heavy load unwrapped metal instrument	134℃	8min



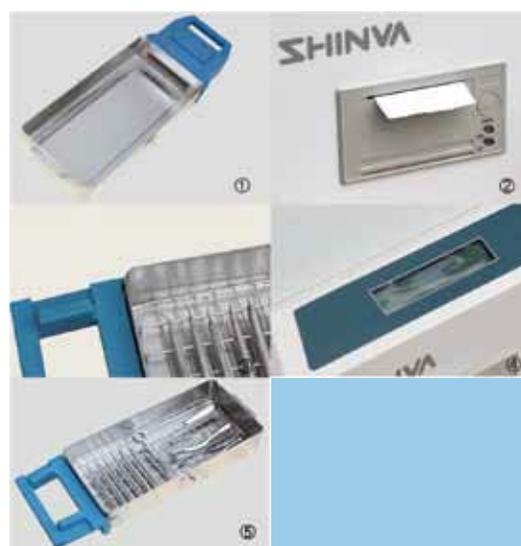
①The length of long model Dmax-N-5L is up to 490mm, solving the problem of part limitation, is the best choice for operating rooms and dental clinics

②With standard configuration printer, recording the sterilizing time, pressure and temperature parameter accurately

③Thin-wall design, the cassette box can heating and cooling rapidly

④Automatic detection: if the parameters like temperature, pressure, time do not achieve the setting value, or the sterilizer has problem when running, the microprocessor will halt the cycle and display the problem on the LCD screen

⑤The instruments needn't to be wrapped, with rapid sterilizing speed, you can conduct sterilization at any time you want, saving time and energy, lowering the investing cost.



Technical parameter

Design pressure: 0.28Mpa / Sterilizing temp range:121-134°C / Temperature display precision: 0.1°C / Max working pressure: 0.24Mpa / Design temperature: 150°C / Temperature uniformity: $\leq \pm 0.5^\circ\text{C}$ / Chamber material: SUS304 stainless steel

NO	V	chamber dimension	Overall dimension	Net weight	Voltage	Frequency	Power	Water tank volume
Dmax-N-2L	2L	280 × 180 × 38 mm	590 × 460 × 190 mm	40Kg	220V	50Hz	1.3Kw	4.0L
Dmax-N-5L	5L	380 × 180 × 80 mm	590 × 460 × 190 mm	45Kg	220V	50Hz	1.3Kw	4.0L
Dmax-N-5L (long model)	5L	490 × 180(part) × 80 (part) mm	590 × 460 × 190 mm	45Kg	220V	50Hz	1.3Kw	4.0L

XG1.U series pulse vacuum sterilizer



XG1.U series pulse vacuum sterilizer is mainly used in stomatology, ophthalmology, operating room and such kind of health sectors; it can conduct sterilization to all packaged and unpackaged solid instrument, A-class cavity instruments (dental hand piece, endoscope), implantable instruments, surgical dressing, rubber catheter and so on.

Main features

- Professional and systematized program configuration, with sterilizing procedure of surgical dressing, instruments, rubber, rapid, liquid and lumen, and also equipping with BD, PCD, leakage test such auxiliary procedure.
- Temperature, pressure, time, running status, error alarms can be dynamic display.
- Intelligent drying system, the humidity after drying is less than 0.2%, for surgical dressing is less than 1%.
- Built-in steam generator and microcomputer temperature control, saving time and energy.
- Equipped with printer to printing the date, time and procedure parameter.
- Impeccable four-level permission management system, avoid faulty operation effectively.

Safety devices

- Overheating protection • Over pressure protection • Door interlock device • Circuit safety device

Technical parameters

Design pressure; -0.1/0.28Mpa / Maximum working pressure: 0.23Mpa / Vacuum limit: -0.080Mpa / Accuracy of pressure display: 1Kpa / Sterilization temperature: 105-136°C / Accuracy of temperature display: 0.1°C / Chamber material: SUS304 stainless steel

NO	Volume	Chamber dimension	Overall dimension	Net weight	Voltage	Frequency	Power
XG1.UCD-60M	60L	380×510mm	1000×697×1600 mm	150Kg	380V	50Hz	10Kw
XG1.UCD-80M	80L	380×710mm	1000×697×1600 mm	180Kg	380V	50Hz	11Kw
XG1.UCD-135M	135L	500×710mm	1100×750×1742 mm	220Kg	380V	50Hz	11Kw
XG1.UCD-185M	185L	500×950mm	1350×750×1742 mm	250Kg	380V	50Hz	11Kw

Smart 50 small size automatic washer



Smart series small size automatic washer: Microprocessor control and text display, The whole washing and disinfecting process is full-automatic, It can be used to wash dental hand piece, surgical instrument, glass ware and other related instruments. The users can set the temperature and time; they can also set the volume of the cleanout fluid. With good quality, professional design and stable performance, it is internal newest product.

Main Performance

- Particular rotating arm conducts all-round continuous washing
- Special optimized nozzle quantity and angle coordinate with rotating arm to make the washing effect up to the best
- Solve the problem that the lumen of dental hand piece cannot be washed by hand or ultrasonic, realizing “one person-one machine-one use-one disinfection”
- The high layer wash rack connects with water channel, take full advantage of the cleanout liquid
- High flow circulating pump imported from German, ensures the water circulation in the tank
- Double-layer stainless steel filter system, coarse filter, fine filter. The filter fineness of the filter screen for dental hand piece connector is to 50 μ m
- The automatic filling system for cleaning agent, automatic blowdown system
- The flow of pipe system can be controlled according to the concentration of the cleanout liquid
- Water source pressure: 0.2 to 0.5 Mpa, working noise ≤ 55dB
- Electronic safety door lock, maintain the safety of operating staffs and the device
- Fault alarm, visual or audio signal when the procedure is end
- Temperature detecting and protecting device are installed in the cleaning tank

NO	Volume	dimension of cleaning tank	Overall dimension	Net weight	Voltage	Frequency	Power	Hand piece number
Smart50-T	50L	378 × 378 × 350 mm	440 × 515 × 540mm	42Kg	220V	50Hz	3.5Kw	18
Smart175-LG	175L	520 × 530 × 630 mm	660 × 600 × 1430mm (automatic dry)	145Kg	220V	50Hz	6.0Kw	28
Smart175-T	175L	520 × 530 × 630 mm	660 × 600 × 850mm (no automatic dry)	105Kg	220V	50Hz	6.0Kw	28

Most steam autoclave

Inductive operation



Introduction

Most-T series steam autoclave is full-automatic rapid sterilizer which takes pressure steam as medium. It is used in stomatology, ophthalmology, operating room, supply room, dialysis room, and maternity ward, etc. it can operate sterilization to all kinds of packaged or unpackaged, solid instrument, A-class cavity instrument(dental hand piece, endoscope), implant instrument, surgical dressing, medical rubber catheter and so on.

Main performance

- Built-in open-type tank, convenient for the cleaning of tank
- New operating interface, temperature, pressure, time, running status, failure warning and such information can display on the LCD
- O.22 μ m air filter, ensure that the air after vacuum is sterile, avoiding the second-pollution of the sterile instruments
- The process of water injection, pulse vacuum, warming, sterilization, exhausting and vacuum drying are completed automatically
- Membrana tectoria type parietal heating film, saving energy and time
- High efficient vacuumizing system, with low noise, fast vacuumizing speed and good drying effect, ensuring thorough sterilization
- Recording the sterilizing process with standard configured printer
- Protector for overheating • Interlock protector for the door • Double protector for overpressure • Safety appliance for circuit

Technical parameter

Design pressure: -0.1/0.3MPa / Design temperature: 144°C /Range of temperature: 105°C---138°C /Cavity material: 0.6 Cr 19Ni 10 stainless steel

NO	Volume	Chamber dimension	Overall dimension	Net weight	Voltage	Frequency	Power
T18-B	18L	250 × 350mm	585 × 515 × 450 mm	55Kg	220V	50/60Hz	2Kw
T24-B	24L	250 × 450mm	685 × 515 × 450 mm	65Kg	220V	50/60Hz	2Kw
T45-B	45L	316 × 618mm	830 × 640 × 550 mm	115Kg	220V	50/60Hz	5.5Kw
T60-B	60L	385 × 595mm	1002 × 730 × 560 mm	160Kg	220V	50/60Hz	7Kw
T80-B	80L	385 × 717mm	1002 × 730 × 560 mm	180Kg	220V	50/60Hz	7Kw



■ Ultrasonic washer

Order No	Volume	Cleaning tank dimension L×W×D (mm)	Control mode	Remarks
TQX-100AH	10	300×240×150	Manual control, rotary knob	Single frequency
TQX-150AH	15	300×300×150	Manual control, rotary knob	Single frequency
TQX-200BH	22	495×295×150	Automatic control, digital display	Single frequency
TQX-300BH	29	495×295×200	Automatic control, digital display	Single frequency



■ Distiller

- Power supply: 220V 50Hz
- Power: 750W
- Capacity: 1L/H
- Volume: 4L
- Overall dimension: L265 × W230 × H380mm



■ Disposable washing needle

- EO sterilization, sterile, no hot source

specification	0.3	0.4
Color	yellow	Medium grey



■ Sterilization bag

- 5.0cm × 200m 6rolls/box
- 5.5cm × 200m 6rolls/box
- 7.5cm × 200m 4rolls/box
- 10cm × 200m 3rolls/box
- 15cm × 200m 2rolls/box
- 20cm × 200m 2rolls/box
- 25cm × 200m 2rolls/box



■ FK-200 Full-automatic sealing machine

Power resource: 220V/230V 50Hz/60Hz
 Input power: 500W / Sealing temperature:
 60 to 220°C / Sealing width: 250mm
 Sealing edge: 0 to 35mm adjustable /
 Indentation width: 12mm Automatic continuous
 sealing without printer / Weight: 11Kg
 Overall dimension: L490 × W240 × H156mm



■ FK-100 sealing machine

Power resource: 220V 50Hz
 Input power: 500W
 Sealing temperature: 50 to 250°C
 Sealing width: 300mm / Indentation
 width: 9mm / Automatic continuous
 sealing with printer / Weight: 9Kg
 Overall dimension: L420 × W380 × H150mm



■ Disposable sterile gingiva flusher

Ethylene oxide sterilization, sterile,
 no hot source



■ FK-201 Full-automatic sealing machine

Power resource: 220V/230V 50Hz/60Hz
 Input power: 500W / Sealing temperature: 60 to 220°C
 Sealing width: 250mm / Sealing edge: 0 to 35mm adjustable
 Indentation width: 12mm
 Automatic continuous sealing with printer
 Weight: 18Kg / Overall dimension: L570 × W262 × H220mm

