DENTAL INTEGRATED SOLUTION
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

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

<table>
<thead>
<tr>
<th>Button</th>
<th>Cycle name</th>
<th>Applicable instrument</th>
<th>Sterilizing temperature</th>
<th>Sterilizing time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Instrument process</td>
<td>Metal instrument, such as forceps, drill point, dental scaler, tweezers, etc.</td>
<td>134°C</td>
<td>4min</td>
</tr>
<tr>
<td></td>
<td>Wrapped instrument</td>
<td>Sterilizing bag (paper/paper or paper/plastic)</td>
<td>134°C</td>
<td>10min</td>
</tr>
<tr>
<td></td>
<td>Non-metal instrument</td>
<td>Rubber or plastic</td>
<td>121°C</td>
<td>20min</td>
</tr>
<tr>
<td></td>
<td>Large instrument</td>
<td>Heavy load unwrapped metal instrument</td>
<td>134°C</td>
<td>8min</td>
</tr>
</tbody>
</table>
① The 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.

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

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

④ Automatic 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.

⑤ The 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℃ / Temperature display precision: 0.1℃ / Max working pressure: 0.24Mpa / Design temperature: 150℃ / Temperature uniformity: ≤ ±0.5℃ / Chamber material: SUS304 stainless steel

<table>
<thead>
<tr>
<th>NO</th>
<th>V</th>
<th>chamber dimension</th>
<th>Overall dimension</th>
<th>Net weight</th>
<th>Voltage</th>
<th>Frequency</th>
<th>Power</th>
<th>Water tank volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dmax-N-2L</td>
<td>2L</td>
<td>280 × 180 × 38 mm</td>
<td>590 × 460 × 190 mm</td>
<td>40Kg</td>
<td>220V</td>
<td>50Hz</td>
<td>1.3kw</td>
<td>4.0L</td>
</tr>
<tr>
<td>Dmax-N-5L</td>
<td>5L</td>
<td>380 × 180 × 80 mm</td>
<td>590 × 460 × 190 mm</td>
<td>45Kg</td>
<td>220V</td>
<td>50Hz</td>
<td>1.3kw</td>
<td>4.0L</td>
</tr>
<tr>
<td>Dmax-N-5L (long model)</td>
<td>5L</td>
<td>400 × 180(part) × 80 (part) mm</td>
<td>590 × 460 × 190 mm</td>
<td>45Kg</td>
<td>220V</td>
<td>50Hz</td>
<td>1.3kw</td>
<td>4.0L</td>
</tr>
</tbody>
</table>
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℃
Accuracy of temperature display: 0.1℃
Chamber material: SUS304 stainless steel

<table>
<thead>
<tr>
<th>NO</th>
<th>Volume</th>
<th>Chamber dimension</th>
<th>Overall dimension</th>
<th>Net weight</th>
<th>Voltage</th>
<th>Frequency</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>XG1.UCD-60M</td>
<td>60L</td>
<td>380 × 510mm</td>
<td>1000 × 697 × 1600 mm</td>
<td>150Kg</td>
<td>380V</td>
<td>50Hz</td>
<td>10Kw</td>
</tr>
<tr>
<td>XG1.UCD-80M</td>
<td>80L</td>
<td>380 × 710mm</td>
<td>1000 × 697 × 1600 mm</td>
<td>180Kg</td>
<td>380V</td>
<td>50Hz</td>
<td>11Kw</td>
</tr>
<tr>
<td>XG1.UCD-135M</td>
<td>135L</td>
<td>500 × 710mm</td>
<td>1100 × 750 × 1742 mm</td>
<td>220Kg</td>
<td>380V</td>
<td>50Hz</td>
<td>11Kw</td>
</tr>
<tr>
<td>XG1.UCD-185M</td>
<td>185L</td>
<td>500 × 950mm</td>
<td>1350 × 750 × 1742 mm</td>
<td>250Kg</td>
<td>380V</td>
<td>50Hz</td>
<td>11Kw</td>
</tr>
</tbody>
</table>
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 μm
- The automatic filling system for cleaning agent, automatic blowdown system
- The flow of pipe system can be controlled according to the concentration of he 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

<table>
<thead>
<tr>
<th>NO</th>
<th>Volume</th>
<th>Dimension of cleaning tank</th>
<th>Overall dimension</th>
<th>Net weight</th>
<th>Voltage</th>
<th>Frequency</th>
<th>Power</th>
<th>Hand piece number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smart50-T</td>
<td>50L</td>
<td>378 × 378 × 350 mm</td>
<td>440 × 515 × 540 mm</td>
<td>42 Kg</td>
<td>220V</td>
<td>50Hz</td>
<td>3.5 Kw</td>
<td>18</td>
</tr>
<tr>
<td>Smart175-LG</td>
<td>175L</td>
<td>520 × 530 × 630 mm</td>
<td>660 × 600 × 1430 mm (automatic dry)</td>
<td>145 Kg</td>
<td>220V</td>
<td>50Hz</td>
<td>6.0 Kw</td>
<td>28</td>
</tr>
<tr>
<td>Smart175-T</td>
<td>175L</td>
<td>520 × 530 × 630 mm</td>
<td>660 × 600 × 850 mm (no automatic dry)</td>
<td>105 Kg</td>
<td>220V</td>
<td>50Hz</td>
<td>6.0 Kw</td>
<td>28</td>
</tr>
</tbody>
</table>
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
- 0.22μm 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℃ / Range of temperature: 105℃—138℃ / Cavity material: 0.6 Cr 19Ni 10 stainless steel

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

<table>
<thead>
<tr>
<th>Order No</th>
<th>Volume</th>
<th>Cleaning tank dimension L×W×D (mm)</th>
<th>Control mode</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>TQX-100AH</td>
<td>10</td>
<td>300 × 240 × 150</td>
<td>Manual control, rotary knob</td>
<td>Single frequency</td>
</tr>
<tr>
<td>TQX-150AH</td>
<td>15</td>
<td>300 × 300 × 150</td>
<td>Manual control, rotary knob</td>
<td>Single frequency</td>
</tr>
<tr>
<td>TQX-200BH</td>
<td>22</td>
<td>495 × 295 × 150</td>
<td>Automatic control, digital display</td>
<td>Single frequency</td>
</tr>
<tr>
<td>TQX-300BH</td>
<td>20</td>
<td>495 × 295 × 200</td>
<td>Automatic control, digital display</td>
<td>Single frequency</td>
</tr>
</tbody>
</table>

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

### Dispensable washing needle
- EO sterilization, sterile, no hot source

<table>
<thead>
<tr>
<th>specification</th>
<th>Color</th>
<th>0.3</th>
<th>yellow</th>
<th>Medium grey</th>
</tr>
</thead>
</table>

### Sterilization bag
- 5.0cm × 200m 6 rolls/box
- 5.5cm × 200m 6 rolls/box
- 7.5cm × 200m 4 rolls/box
- 10cm × 200m 3 rolls/box
- 15cm × 200m 2 rolls/box
- 20cm × 200m 2 rolls/box
- 25cm × 200m 2 rolls/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: 18Kg
- 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

### 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