Autoclaves
## STE-TEN, 1 Liter Autoclave

It adopts B-class (prED-13060), with 3-times pre-vacuum preceding vacuum drying. Residual humidity is <0.2, vacuum measurement reaches -0.7bar.

It sterilizes and sanitizes miscellaneous packed or unpacked medical instruments, whether solid or A-type hollow, whether with multi-apertures or inset pipes. It efficiently rid air from every hollow area of any hollow instrument, such as hand-piece, making sure that water steam reaches every corner.

It is installed with BOWIC & DICK which measures the penetration of water steam. Mini printer can be attached to record the process of sterilization.

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage (V/Hz)</th>
<th>Power (W)</th>
<th>Capacity (L)</th>
<th>Chamber size (mm)</th>
<th>Outside size (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STE-TEN</td>
<td>220/50</td>
<td>1100</td>
<td>1</td>
<td>Ø90x160</td>
<td>W200xH385xD450</td>
<td>30 (Net:28)</td>
</tr>
</tbody>
</table>

## STE-TAN-8L, 8 Liter Autoclave

Adopting European N standard, with thermal vacuuming & drying function, it can be used for A-type hollow instruments and solid instruments.

### Technical feature:
- Sterilization temperature: 121, 134 Cent degrees
- Drying Program: Thermal Vacuum drying
- Digital display
- Sterilization record: mini external printer is available
- Safety: safety valve, temperature control, pressure protection system, temperature protector of chamber wall
- Sterilization and drying time adjustable help you to get the best sterilization effect
- Open type water storage tank
- Quick drain connector
- Optional type B: STE-8L(B).

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage (V/Hz)</th>
<th>Power (W)</th>
<th>Capacity (L)</th>
<th>Chamber Size (mm)</th>
<th>Outside size (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STE-8LN</td>
<td>AC220V/50Hz</td>
<td>1400W</td>
<td>8</td>
<td>Ø170x320</td>
<td>W345xH530xD340</td>
<td>34 (Net:30)</td>
</tr>
<tr>
<td>STE-8LB</td>
<td>1500W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>37 (Net:34.5)</td>
</tr>
</tbody>
</table>

## STE-TAN, 16 Liter Autoclave

Adopting N-class (prED-13060), with thermal vacuumizing and drying function, it can be used for A-type hollow instruments & solid instruments.

Thermodynamic vacuum guarantees elimination of cold air from the cavity and makes sure of perfect saturation of water dream.

Three sterilizing water quantity selections are respectively for different material, which embodies the individualized service.

Automatic malfunction detecting system makes easy maintaining.

- Liquid Sterilizing option
- Optional Printer

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage (V/Hz)</th>
<th>Power (W)</th>
<th>Capacity (L)</th>
<th>Chamber size (mm)</th>
<th>Outside size (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STE-TAN</td>
<td>220/50</td>
<td>1900</td>
<td>16</td>
<td>Ø230x360</td>
<td>W440xH400xD560</td>
<td>64 (Net:43)</td>
</tr>
</tbody>
</table>
STE-TIN, 16 Liter Vacuum Autoclave

It adopts B-class (prED-13060), with 3-times pre-vacuum preceding vacuum drying. Residual humidity is <0.2, vacuum measurement reaches -0.7bar. It sterilizes and sanitizes miscellaneous packed or unpacked medical instruments, whether solid or A-type hollow, whether with multi-apertures or inset pipes. It efficiently rid air from every hollow area of any hollow instrument, such as hand-piece, making sure that water steam reaches every corner. It is installed with BOWIC & DICK which measures the penetration of water steam. Mini printer can be attached to record the process of sterilization.

STE-18L, 18 Liter Autoclave

Technical features:
- According to EN13060 standard completely • Manual door locking system • Sterilization temperature: 121, 134 Cent degrees • Programs: 10 programs (Including test programs) • Test program; Helix test, B&D test, Vacuum test • Drying Program: Vacuum drying • LCD display • Sterilization record: mini external printer is available • Safety: safety valve, temperature control, pressure protection system, temperature protector of chamber wall • Independent steam generator inside • Sterilization and drying time adjustable help you to get the best sterilization effect • Open type water storage tank • Quick drain connector.

STE-23L, 23 Liter Autoclaves

It adopts B-class (prED-13060), with 3-times pre-vacuum preceding vacuum drying. Residual humidity is 0.2, vacuum measurement reaches -0.7bar. It sterilizes & sanitizes miscellaneous packed or unpacked medical instruments, whether solid or A-type hollow, whether with multi-apertures or inset pipes. It efficiently rid air from every hollow area of any hollow instrument, such as hand-piece, making sure that water steam reaches every corner. It is installed with BOWIC & DICK which measures the penetration of water steam. Mini printer can be attached to record the process of sterilization. Optional type N: with liquid sterilization.

Documentation:
1. Printer: an external printer is optional.
2. USB port: it is used for connecting a USB stick, all sterilization data are automatically written in the USB stick and can be read directly in any PC and stored electronically.
3. Internal memory: the last 20 cycles can be automatically stored in the autoclave system, which can be print out at any time.
STE-HT-45/60/80, 45, 60 or 80 Liter Steam Sterilizers

STE-HT series sterilizer is an automatic high temperature and pressure rapid sterilizer which works with steam as medium. It can be widely used in department of stomatology and ophthalmology, operating room, supply room, dialysis room, delivery room & other medical institutions. It is suitable for all wrapped or unwrapped solid instruments, A-class cavity instrument (dental handpieces and endoscopes), implantable instruments, dressing fabric and rubber tubes, etc.

Features

- **Build-in open type water tank** The sterilizer adopts easy-clean open type water tank that equipped with water quality monitor to ensure the reliability of steam quality and sterilizer operation.
- **Brand-new operation interface** The LCD screen can display temperature, pressure, time, operating status, failure warning and other information. It is convenient for customers to observe the sterilizer running status.
- **Multiple security protective device** Overheat auto protective device; multiple control and protection for steam generator; safe door interlock; double overpressure protection; electronic circuit safety device.
- **Automatic door** STE-HT-45 series adopt auto door structure that can effectively prevent scald. STE-HT-60/80 series door structure adopt multipoint stitching technology to ensure seal reliability. The door equipped with convenient one-button switch.
- **High-efficiency ultimate vacuum** The sterilizer adopts high-efficiency low-noise vacuum system which has excellent effects. The ultimate vacuum value can reach ~90KPa or above.
- **Multiple program types** The system has various programs that include: wrapped items, unwrapped items, rubber items, custom program, rapid program, BD testing program, vacuum testing program, preheat program and drying program.
- **High-efficiency steam generator** STE-HT-45 equipped with build-in instant steam generator. STE-HT-60/80 equipped with build-in energy-storing steam generator.
- **Other features** 0.22µm high-efficiency sterilizing filter that guarantees the air is sterile and prevents repeated contamination. All the processes of water injection, pulse vacuum, heating up. sterilization, exhausting and drying are automatic.

Optional configuration.

- Record type: printer.
- Electronic storage: USB flash disk.
- Remote monitoring: software.

Power: 110v/100v/240v.

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Power</th>
<th>Capacity</th>
<th>Chamber Size</th>
<th>Package size (mm)</th>
<th>Design Pressure (MPa)</th>
<th>Design Temp. (°C)</th>
<th>Temp. Range (°C)</th>
<th>Net weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>STE-HT-45</td>
<td>220V 50/60Hz</td>
<td>3.8kW</td>
<td>45L</td>
<td>Ø316x618mm</td>
<td>L830xW640xH550</td>
<td>-0.1/0.3MPa</td>
<td>144°C</td>
<td>105-136°C</td>
<td>115kg</td>
</tr>
<tr>
<td>STE-HT-60</td>
<td>220V 50/60Hz</td>
<td>7kW</td>
<td>60L</td>
<td>Ø385x595mm</td>
<td>L1002xW730xH560</td>
<td>-0.1/0.3MPa</td>
<td>144°C</td>
<td>105-136°C</td>
<td>160kg</td>
</tr>
<tr>
<td>STE-HT-80</td>
<td>220V 50/60Hz</td>
<td>7kW</td>
<td>80L</td>
<td>Ø385x717mm</td>
<td>L1002xW730xH560</td>
<td>-0.1/0.3MPa</td>
<td>144°C</td>
<td>105-136°C</td>
<td>180kg</td>
</tr>
</tbody>
</table>

DIST, 1.5 Liter/hour Distilator

Autoclave must adopt distilled water as operation medium. Even Purified water has various minerals, & can produce furring scale after evaporation at high temperature, which, after a period of time, can lead to leaking of steam due to improper closure. It can also lead to the clog in the narrow pipes and pressure sensor, to the malfunction of temperature sensor and to other failures. Once the furring scale enters hand piece and other instrument which are hollow inside or has apertures, it will clog the narrow pipes and axis, lowering the turning speed of hand piece, thus reducing its life span. Therefore, using distilled water is necessary.

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage V/Hz</th>
<th>Power (W)</th>
<th>Distilled water L/h</th>
<th>Chamber size</th>
<th>Outside size</th>
<th>Weight</th>
<th>Packing size</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIST</td>
<td>220/50</td>
<td>750</td>
<td>1.5</td>
<td>Ø180x200mm</td>
<td>290x290x390mm</td>
<td>3.5kg</td>
<td>245x285x510mm</td>
</tr>
</tbody>
</table>
STE-V-60/80, Automated Water Filling Vertical Autoclave

- Microcomputer control technique. Touch-key. LCD display the menu.
- Automatic control over the processes of filling water, heating, sterilization, steam exhaust and dryness.
- There are equipped with dressing, instrument, rubber, culture medium sterilization and keep warm. Culture medium and keep warm programs for customer’s choice.
- Process, temperature, time dynamic LCD displayed. Fault automatic displayed and alarm.
- Positive pressure pulse function exhaust cool air of chamber thoroughly and ensure the steam saturation.
- Rapid and slow exhaust steam Automatic control function. It avoids liquid overflow while sterilization.
- Automatic maintenance function. The program will continued when the power connection again.
- The buzzer alarms when a cycle of operation is completed.
- Preheating control function.
- Horizontal sliding door, self-bulge seal ring. Operated easily.
- Printer is available for optional.

Main Technical Parameters
- Designed pressure: 0.26Mpa.
- Designed temperature: 150°C.
- Rated working pressure: 0.22Mpa.
- Sterilization temperature: 105°C–136°C.
- Sterilization time range: 0–99min.
- Material of chamber: SUS 304 stainless steel.
- Accessories: 2 stainless steel sterilization baskets.

Safety Devices
- Auto protection device against over temperature: This system cuts off power automatically if the designed temperature is surpassed. Light and sound alarm meanwhile.
- The program will be stopped if water level lower than the low limit. Alarm with sound and light.
- Door safety interlock. The door cannot be opened until there is no pressure in the chamber and power for heating cannot be switched on until the door is firmly closed.
- Safety valve of auto release against overpressure. It opens when the designed pressure is surpassed.
- Heat insulation dock shelter: The door is made of high performance heat insulation material. Not only beautiful but also prevents the operator to be injured.
- Over current and creepage protector.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Chamber Size</th>
<th>Outside Size (mm)</th>
<th>Net weight</th>
<th>Voltage</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>STE-V-60</td>
<td>50L</td>
<td>Ø315xL688mm</td>
<td>616x475x990</td>
<td>65kg</td>
<td>220V/50Hz</td>
<td>4.2Kw</td>
</tr>
<tr>
<td>STE-V-80</td>
<td>80L</td>
<td>Ø386xL895mm</td>
<td>688x546x1030</td>
<td>75kg</td>
<td>380V/50Hz</td>
<td>4.5Kw</td>
</tr>
</tbody>
</table>
**AUTOCLAVES**

**Verational, Economy**

**UTFB/UTKBS, Full Stainless steel Hand Wheel Type of Quick-open Door Structure Pressure Safety Lock**

Computer control auto recycle sterilization, LCD screen indicate working state, Temp. scope 50-126°C, Time scope 0-99h, Overpressure auto-discharging 0.145~0.165MPa, Automatic shut down with beep reminding after sterilization, Hand wheel type of quick-open door structure, Pressure safety lock.

<table>
<thead>
<tr>
<th>Model</th>
<th>UTKBS-75LV</th>
<th>UTKBS-100LV</th>
<th>UTKBS-150LV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>75L</td>
<td>100L</td>
<td>150L</td>
</tr>
<tr>
<td>Power source</td>
<td>220/380V</td>
<td>380V</td>
<td>380V</td>
</tr>
<tr>
<td>Consumed power</td>
<td>3.5/4.5kw</td>
<td>4.5kw</td>
<td>6kw</td>
</tr>
<tr>
<td>Chamber Site</td>
<td>Ø388x650</td>
<td>Ø500x550</td>
<td>Ø500x760</td>
</tr>
<tr>
<td>Weight</td>
<td>90kg</td>
<td>100kg</td>
<td>120kg</td>
</tr>
<tr>
<td>Outside Size (mm)</td>
<td>600x600x1400</td>
<td>630x630x1300</td>
<td>630x630x1450</td>
</tr>
</tbody>
</table>

**Vertical Pressure Autoclave**

- Computer control auto recycle sterilization.
- LCD Screen indicate working state.
- Temp. scope 50-134°C.
- Time scope 0-99h.
- Overpressure auto-discharging 0.145~0.165Mpa.
- Automatic shut down with beep reminding after sterilization.

Optional: Printer.
**UTKBS-30V/50V/75V/100V, Vertical Autoclave Sterilizers**

Vertical autoclave is mainly used in hospitals, laboratories, universities & other institutes where users need to sterilizer temperature-resistance solid & liquid.

**Safety Features:**
- Over pressure, safety valve can automatically open to release pressure.
- Over temperature, the system will stop heating automatically & start alarm.
- Anti dry-out function. If water level is too low, heating stops and error code displays on screen.
- Over current, over voltage or electric leakage protection apparatus-air switch.

**Technical Features:**
- Complete protection system.
- Flip-open door structure with spring booster, easy to open.
- LED displays inner temperature, time and error codes.
- Automatic exhausting steam function.
- Reliable mechanical safety interlock feature.
- External material: Cold rolled steel with anti-bacteria powder coating.
- Fixed sterilization programs for dressings, unwrapped and wrapped equipment, rubber, and liquid.
- Door cover is wrapped completely, to prevent scald effectively.
- Radial self-expanding silicone rubber seals with high effect & long using life.

<table>
<thead>
<tr>
<th>Model</th>
<th>UTKBS-30V</th>
<th>UTKBS-50V</th>
<th>UTKBS-75V</th>
<th>UTKBS-100V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>30L</td>
<td>50L</td>
<td>75L</td>
<td>100L</td>
</tr>
<tr>
<td>Chamber Size (Ø x L)</td>
<td>385x412mm</td>
<td>385x515mm</td>
<td>385x715mm</td>
<td>385x915mm</td>
</tr>
<tr>
<td>Chamber Material</td>
<td>Polished SUS304 medical stainless steel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. Pressure</td>
<td>0.3MPa</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated Working Pressure</td>
<td>0.22MPa</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. Temperature</td>
<td>150°C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working Temp. Range</td>
<td>105-134°C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temp. Accuracy</td>
<td>±0.1°C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Timing Range</td>
<td>0~999 min</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dynamic Pulse Exhaust Time</td>
<td>0~9 times</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Requirement</td>
<td>Distilled water or demineralized water</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard Accessories</td>
<td>Stainless steel basket, 1pc</td>
<td>Stainless steel basket, 2pcs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consumption</td>
<td>2.8KW</td>
<td>3KW</td>
<td>3.5KW</td>
<td>4.5KW</td>
</tr>
<tr>
<td>Power Supply</td>
<td>220V, 50/60Hz</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chamber Size (φ x H)</td>
<td>385x412mm</td>
<td>385x515mm</td>
<td>385x715mm</td>
<td>385x915mm</td>
</tr>
<tr>
<td>Outer Size (W x D x H)</td>
<td>610x645x710mm</td>
<td>610x645x850mm</td>
<td>610x645x1000mm</td>
<td>610x645x1200mm</td>
</tr>
<tr>
<td>Net Weight</td>
<td>68kg</td>
<td>75kg</td>
<td>85kg</td>
<td>100kg</td>
</tr>
</tbody>
</table>
- LCD screen displaying time, temperature and pressure, process alert and instrument conditions.
- Choice of language setting including: English, Spanish, German, Polish, French, Hungarian, Romanian, Dutch, Lithuanian, Latvian, Czech, Italian and Chinese.
- Easily accessible watertank.

Safety and Monitoring:
- Double door protection system prevents the cycle from starting if the door is not correctly locked. This system also prevents the door from opening if the pressure inside the chamber is not equal to atmospheric pressure outside the chamber.
- Pressure safety valve prevents over pressure in the chamber and steam generator.
- The power is automatically cut if a short circuit or electrical fault occurs.
- Able to detect and identify the exact cause of any problem, and to issue a specific error code to the operator.
- Automatic warning for maintenance.

Documentation:
- Printer (option): an external printer is optional for all “icanclave” autoclaves.
- USB port (option): it is used for connecting a USB stick, all sterilization data are automatically written in the USB stick.
- Full automatic table top autoclave with pre set programs.
- Complies with European standard EN13060.
- In built independent rapid steam generator ensures quick sterilization cycles.
- Rapid post sterilization vacuum drying.
- User friendly interface.

Product Features Configuration:
- Sterilization process automatic computer control, LCD display panel
- Sterilizing effect of doubling the anti-leak vacuum pumping system
- Sterilization efficiency of automatic humidification system
- Sterile water cycle automatic heating system efficiency
- Air and water vapor auto exhaust purification of ethylene oxide residue analytical sound processing system.
- Efficiency and prevent environmental pollution discharge residue heating air purification system
- Sterilization automatic printing system the whole process (optional)
- Temperature, pressure, leakage and other abnormalities of the automatic alarm system
- After the accident off the job site automatic recovery system.

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage (V/Hz)</th>
<th>Power (W)</th>
<th>Capacity (L)</th>
<th>Chamber Size (mm)</th>
<th>Outside size (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STE-8LB</td>
<td>AC220V/50Hz</td>
<td>1500W</td>
<td>8L</td>
<td>Φ170x320mm, 2 Trays</td>
<td>W370xH345xD585</td>
<td>34.5</td>
</tr>
</tbody>
</table>

STE-ETO-3, Ethylene Oxide Sterilizer

The scope of application of epoxy ethane sterilizer:
- Medical supplies: operation instrument, syringe, infusion, catheters, birth control equipment.
- Medical devices: endoscope, cardiac pacemaker, artificial heart, medical telephone, dialyzer, aspirator.
- Health supplies: lady napkins, disposable tableware etc.
- Medicine: Chinese medicine and Western medicine, cosmetics.
- Textiles: cotton fiber, leather clothing, blankets, brush.
- Instruments: electronic instrument, optical instrument, telephone etc.
- Other: money, tickets, records, files, correspondence, collection of historical relics, silk satin products, animal specimens.

The products using epoxy ethane mixed gas, flame retardant, anti explosion, safety (temperature, pressure, leakage and other abnormal automatic alarm system for sterilized articles), no corrosion, no pollution to the environment damage.

Product specification:
Working equipment external ambient temperature: 5-60°C
The equipment sterilization room temperature: 20-60°C arbitrarily set
Temperature accuracy: ±1°C
Vacuum pressure: -7 ~ -70Kpa, arbitrarily set
Sterilization time regulation range: 1-9h, arbitrarily set
Sterilization humidity: 60%-80%, arbitrarily set
The number of rows of residues: arbitrarily set
Clean: arbitrarily set
Voltage: 220v/50Hz

<table>
<thead>
<tr>
<th>Model</th>
<th>Room Size(mm)</th>
<th>External Size(mm)</th>
<th>Volume(L)</th>
<th>Power(kw)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STE-ETO-3</td>
<td>392x290x320</td>
<td>630x40x770</td>
<td>30</td>
<td>1.1</td>
</tr>
<tr>
<td>STE-ETO-6</td>
<td>520x320x400</td>
<td>780x480x1020</td>
<td>60</td>
<td>1.1</td>
</tr>
<tr>
<td>STE-ETO-6.5</td>
<td>570x320x400</td>
<td>830x480x1020</td>
<td>65</td>
<td>1.2</td>
</tr>
<tr>
<td>STE-ETO-10</td>
<td>660x420x520</td>
<td>800x550x1000</td>
<td>130</td>
<td>1.4</td>
</tr>
<tr>
<td>STE-ETO-13</td>
<td>732x420x558</td>
<td>900x575x1110</td>
<td>150</td>
<td>1.4</td>
</tr>
<tr>
<td>STE-ETO-20</td>
<td>708x450x670</td>
<td>880x650x1370</td>
<td>200</td>
<td>1.9</td>
</tr>
<tr>
<td>STE-ETO-24</td>
<td>510x300x1480</td>
<td>690x780x1690</td>
<td>240</td>
<td>1.9</td>
</tr>
<tr>
<td>STE-ETO-30</td>
<td>812x500x802</td>
<td>960x700x1500</td>
<td>300</td>
<td>2.1</td>
</tr>
<tr>
<td>STE-ETO-60</td>
<td>1030x630x930</td>
<td>1410x850x1700</td>
<td>600</td>
<td>2.6</td>
</tr>
<tr>
<td>STE-ETO-100</td>
<td>1300x800x1000</td>
<td>1700x1020x2000</td>
<td>1000</td>
<td>3.1</td>
</tr>
</tbody>
</table>

Note: STE-ETO-6.5 and STE-ETO-24 type is use for endoscope. Optional accessories: Printer.
**STE-CAS-2, Cassette Sterilizer**

**Application:**
It is used for the repaid sterilization of small instruments in stomatology, ophthalmology, E.N.T. department, gynecology, operating room, etc.

**Features:**
- It only takes 6-7 minutes for the shortest sterilization cycle which can extend service life of the instrument
- Three shortcut keys for sterilization programs, the sterilization temperature and time can be set freely
- Alarm for unqualified water and water shortage, the autoclave will stop working when there is a low temperature and low pressure
- Small dimension, light weight, easy to operate, the cassette can be also used for instrument transfer and temporary storage.

**Schematic Diagram:**
The steam generator heats to the optimum temperature when the sterilization program started. The distilled water is pumped into the generator & converted into steam immediately, then the steam is injected into the cassette which is loaded with instruments to be sterilized. The polluted air in the cassette is exhausted after the steam is injected.

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**Details:**

- **Simple operation**
- **Standard printer, real-time record for sterilization process**
- **Ultra-thin cassette box design makes heating & cooling faster**
- **1.22 µm Biofilter**

**Forced Air Removal Design**

- **Working Curve:**
  - **Sterilization Chart**
    - A. Air removal
    - B. Warming up
    - C. Pressurizing
    - D. Sterilizing
    - E. Venting

- **Sterilization Cycle Comparison**
  - **Advantages:**
    - Shorter cycle time, higher efficiency

---

**Specifications:**

<table>
<thead>
<tr>
<th>Model</th>
<th>STE-CAS-2</th>
<th>STE-CAS-5</th>
<th>STE-CAS-6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>1.8L</td>
<td>5.2L</td>
<td>6.0L</td>
</tr>
<tr>
<td>Chamber Size (WxDxH) mm</td>
<td>280x180x38</td>
<td>380x180x78</td>
<td>480x180x78</td>
</tr>
<tr>
<td>External Size (WxDxH) mm</td>
<td>570x415x170</td>
<td>580x460x190</td>
<td></td>
</tr>
<tr>
<td>Temp. Range</td>
<td>110°C - 135°C</td>
<td>±5°C</td>
<td></td>
</tr>
<tr>
<td>Temp. Fluctuation</td>
<td>5 - 40°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ambient Temp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working Pressure</td>
<td>42 kPa - 212 kPa</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chamber Material</td>
<td>304 Stainless Steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Tank Volume</td>
<td>3.4 L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Supply</td>
<td>AC 220V±10%, 50Hz/60Hz; 110V±10%, 60Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Packing Size (WxDxH) mm</td>
<td>580x580x700</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net/Gross Weight</td>
<td>34/49kg</td>
<td>46/61kg</td>
<td></td>
</tr>
</tbody>
</table>