



STE-TEN

STE-TEN, 1 Liter Autoclave

It adopts B-wclass (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.



Model	Voltage (V/Hz)	Power (W)	Capacity (L)	Chamber size	Outside size(mm)	Weight (kg)
STE-TEN	220/50	1100	1	Ø90x160mm	W200xH385xD450	30 (Net:28)



STE-TAN-8L

STE-TAN-8L, 8 Liter Autoclave

Adopting European N standard, with thermal vacuuming and 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).



Model	Voltage (V/Hz)	Power (W)	Capacity (L)	Chamber Size (mm)	Outside size (mm)	Weight (kg)
STE-8LN	AC220V/50Hz	1100W	8L	Φ170x320mm	W345xH530xD340	34 (Net:29)
STE-8LB		1300W				37 (Net:32)



STE-TAN

STE-TAN, 16 Liter Autoclave

Adopting N-wclass (prED-13060), with thermal vacuumizing & 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 steam. 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



Model	Voltage (V/Hz)	Power (W)	Capacity (L)	Chamber size	Outside size (mm)	Weight (kg)
STE-TAN	220/50	1800	16	Ø240x360mm	W440xH400xD560	64 (Net:52)



STE-TIN

STE-TIN, 16 Liter Vacuum Autoclave

It adopts B-wclass (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.

Model	Voltage (V/Hz)	Power (W)	Capacity (L)	Chamber size	Outside size (mm)	Type	Weight (kg)
STE-TIN	220/50	1800	16	Ø240x360mm	W440xH400xD560	B	64 (Net:52)



STE-18L\B

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.

Model	Voltage (V/Hz)	Power (W)	Capacity (L)	Chamber size	Outside size (mm)	Type	Weight (kg)
STE-TIN-18L	220/50	1800	18	Ø247x350mm	W480xH590xD455	B	50 (Net:44)
STE-TAN-18L		1750				N	



STE-TIN-23

STE-23L, 23 Liter Autoclaves

It adopts B-wclass (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 liuqid sterilization.



Model	Voltage (V/Hz)	Power (W)	Capacity (L)	Chamber size	Outside size(mm)	Type	Weight (kg)
STE-TIN-23	220/50	2300	23	Ø247x450mm	W480xH699xD455	B	55 (Net:48)
STE-TAN-23		1850				N	



Safety Devices

- Auto protection device against over temperature: This system cuts off power automatically if the designed temperature is surpassed.
- 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.
- The program will be stopped if water level lower than the low limit. alarm with sound and light.
- Electronic circuits safety device: direct current control loop and has protection against overload and voltage surpassed, alternating current main loop has short-circuit protection device.

Option Pulse Vacuum

- Pulsant final vacuum drying system ensures the best drying effect of package.
- B-O test and vacuum test programs.

STE-H-60/80, 60 liter or 80 liter Automated Water filling Horizontal Autoclave

- Steam and water circulation system. no external water source. not exhaust steam outside. environment is dean and dryness.
- Micro-computer control, touch-key.
- Automatic control over the processes of heating, sterilization. steam exhaust. filling water and dryness.
- Process. temperature. time dynamic LCD displayed.
- Positive pressure pulse function exhaust cool air of sterilizing chamber thoroughly and ensure the steam saturation.
- There are equipped with instrument. instrument bags. dressing. rubber sterilization programs for customer's choice.
- Self-failure test system capable of displaying failure on the LCD.
- Printer is available for optional.
- The buzzer alarms when a cycle of operation is completed.

Main Technical Parameters

- Designed pressure: 0.26Mpa.
- Designed temperature: 150°C.
- Rated working pressure: 0.22Mpa.
- Sterilization temperature, 105°C~136°C.
- Precision of temp. displayed: 0.1°C.
- Temp. degree of uniformity: $\pm 0.5^{\circ}\text{C}$.
- Material of chamber:
SUS 304
stainless steel.



Model	Voltage	Power	Capacity	Chamber Size	Outside size (mm)	Net weight
STE-H-60	220V/ 50Hz	3.6Kw	60L	Ø380x500mm	W730xH540xD840	85kg
STE-H-80	380V/ 50Hz	5.7Kw	80L	Ø380x700mm	W730xH540xD1040	100kg



DIST, 1.5 liter/hour Distillator

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 handpiece and other instrument which are hollow inside or has apertures, it will clog the narrow pipes and axis, lowering the turning speed of handpiece, thus reducing its life span. Therefore, using distilled water is necessary.

Model	Voltage V/Hz	Power (W)	Distilled water L/h	Chamber size	Outside size	Weight	Packing size
DIST	220/50	750	1.5	Ø180x200mm	290x290x390mm	3.5kg	245x285x510mm



STE-V-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 diffuence 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 he continued when the power connection again.
- The buzzer alarms when a cycle of operation is completed.
- Preheating control function.
- Built-in water tank. Steam and water circulation system. no external water source. not exhaust steam outside. environment is clean and dryness.
- 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.



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 he 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 10 be injured.
- Over current and creepage protector.

Model	Capacity	Chamber Size	Outside Size (mm)	Net weight	Voltage	Power
STE-V-80	80L	Ø386xL695mm	688x546x1030	75kg	380V/ 50Hz	4.5Kw



SK310, Heat Sealer, sealing width - 300mm

- It fits nearly everywhere for world-wide use in laboratory.
- Polyethylene, polypropylene films can be easily sealed.
- Easy to handle with convenient and reasonable structure.
- Powerful transformer and high quality circuit components guarantee years operation.

Model	SK310
Available resin	polyethylene, polypropylene
Sealing width	2mm
Sealing length	300mm
Weight	5kg
Dimensions (mm)	W440xD85xH175
Wattage	390W
Power	AC 110V/220V, 50/60Hz

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

Computer control auto recycle sterilizature, 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



UTFB-50LV



UTKBS-50LV

ECONOMY



UTFB-30LV

Vertical Pressure Autoclave

- Computer control auto recycle sterilizature.
- 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.

Optional: Printer.



UTFB-30LV

Model	UTFB-30LV	UTKBS-50LV	UTKBS-75LV	UTKBS-100LV	UTKBS-150LV
Capacity	30L	50L	75L	100L	150L
Power source	220V	220V	220/380V	380V	380V
Consumed power	3kw	3.5kw	3.5/4.5kw	4.5kw	6kw
Chamber Site	Ø350x330	Ø350x520	Ø388x650	Ø500x550	Ø500x760
Weight	60kg	80kg	90kg	100kg	120kg
Outside Size (mm)	580x580x1000	600x580x1250	600x600x1400	630x630x1300	630x630x1450