

A AUTOCLAVES Table Top



STE-TEN

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.



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 & 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	1400W	8L	Φ170x320mm	W345xH530xD340	34 (Net:30)
STE-8LB		1500W				37 (Net:34.5)



STE-TAN

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 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	1900	16	Ø230x360mm	W440xH400xD560	64 (Net:43)



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.

Model	Voltage (V/Hz)	Power (W)	Capacity (L)	Chamber size	Outside size (mm)	Type	Weight (kg)
STE-TIN	220/50	2000	16	Ø230x360mm	W440xH400xD560	B	64 (Net:45)



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	2200	18	Ø247x450mm	W480xH590xD455	B	Net: 47
STE-TAN-18L		2100		Ø247x350mm		N	Net: 45



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.



Model	Voltage (V/Hz)	Power (W)	Capacity (L)	Chamber size	Outside size (mm)	Type	Weight (kg)
STE-TIN-23	220/50	2200	23	Ø247x450mm	W480xH699xD455	B	Net: 51
STE-TAN-23		2100				N	Net: 48
STE-TIN-23T		2200	25	Ø230x580mm	-	T	Net: 58

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.



A AUTOCLAVES Table Top, 45–80 Liter



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.



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



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 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.

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

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.

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 be 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.



Baskets



STE-V-80

Model	Capacity	Chamber Size	Outside Size (mm)	Net weight	Voltage	Power
STE-V-60	50L	Ø315xL668mm	616x476x990	65kg	220V/50Hz	4.2Kw
STE-V-80	80L	Ø386xL695mm	688x546x1030	75kg	380V/50Hz	4.5Kw



SK310-230

SK310-230/SK410-230, Heat Sealer, sealing width - 300/400mm

- 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	SK310-230	SK410-230
Available resin	polyethylene, polypropylene	
Sealing width	2mm	
Sealing length	300mm	400mm
Weight	4.3kg	5.4kg
Dimensions (mm)	W440xD85xH175	W530xD85xH175
Wattage	390W	750W
Power	AC 110V/220V, 50/60Hz	

A AUTOCLAVES Vertical, Economy

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



UTKBS-50LV

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.



UTKBS-50LV

ECONOMY



UTFB-30LV

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.



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