

Autoclave model AT 100

These series sterilizers are a kind of automatic instant sterilization equipment which adopts steam as sterilization medium. They are suitable for sterilization of operation instruments, dressing, glassware, culture medium and so on.

Technology advantage:

- Microcomputer control system is adopted, the system is powerful and reliable;
- Full automatic control of heating, sterilization, steam exhausting and drying processes. (optional)
- Built-in sterilization programs (operation instruments, dressing, glassware, culture medium) and optional program settings available for selection.
- LED displays status, temperature, pressure and time.
- Built-in water tank or non Built-in water tank (optional) .
- High penetration ensure the high steam penetrate into the load quickly, so as to ensure sterilization thoroughly.
- Perfect fault check system and display the fault information;
- The beep will sound once the sterilization cycle complete.



Safety feature

Heater protect: the system will cut off its power supply once the temperature exceed the preset one, and show the alarm information.

Anti-dry heating: the system will cut off its power supply once the water level is lower than the heating pipe, and show the alarm information.

Safety interlocking door: electronic lock to ensure the sterilizer can begin to work only if the door is closed properly. The door can't be opened when the chamber is pressurized, or the power supply is not connected.

Over-temperature and over-pressure protect: When the inner temperature or pressure exceed the limit, the system will start up procedures to lower temperature and release pressure.

Automatic release safety valve: When the chamber inside pressure exceeds preset value, the safety valve will release pressure automatically.

Electricity protect: Designed protect function in case of short circuit and leakage current.

Main parameter:

Design pressure: 0.26MPa

Design temperature: 150℃

Max. working pressure: 0.23Mpa

Max. working temperature: 136℃

Sterilization temperature: 105℃-136℃

Sterilization period: 0~99min

Temperature accuracy: +2/0℃

Temperature homogeneity in the chamber: $\leq \pm 0.5^\circ\text{C}$

Water supply: distilled water or purified water

Material of chamber and door: SUS304 stainless steel

Chamber Volume (Liters)	Chamber Dimensions (φ x depth) mm	Overall Dimensions (L x W x H) mm	Parking Dimensions (L x W x H) mm	Net Weight (kg)	Gross Weight (kg)	Power Supply (v/Hz)	Power (w)
24	250x460	450x400x605	540x460x700	45	70	220V	2200
35	321x450	448x520x800	650x540x720	55	80	220V	2500
50	316x635	576x500x900	585x640x1160	68	90	220V/380V	2400
60	380x510	695x500x850	850x640x1100	75	100	220V/380V	2700
80	380x710	695x500x1040	850x640x1220	80	110	220V/380V	3000
100	380x910	695x500x1180	850x640x1340	90	120	220V/380V	3300