HL-380P-80

Automatic Steam Sterilizer

HL-380P is an efficient and reliable automatic steam sterilizer. Specially designed for large capacity and highest flexibility in processing requirement. It can be used in a hospital for efficient, high-volume processing of heat and moisture stabile materials, such as fabrics, wrapped hard goods, liquid or glassware etc.

Features

1. Control system: automatic control system provides strict control of sterilize temperature, time, pressure etc. to assure consistent, accurate performance.
2. Sterilizer cycles: there are 3 pre-programmed cycle selections that can process various load types in this sterilizer. For easy sterilizer operation: 1 Unwrapped cycle; 2 Wrapped cycle; 3 Liquid cycle.
3. Automatic operation: cycle progresses automatically through pulses vacuum, sterilizing, exhaust, vacuum drying and venting phases.
4. Temperature controller: sterilize temperature can be set from 121°C to 132°C on digital temperature controller. When setting temperature is achieved the process of sterilizing cycle will automatic operating.
5. Timer: sterilize time and dry time can be set from 0~99minutes on digital sterilizing timer and drying timer. The timer starts only after the pre-set temperature is reached, ensuring complete sterilization.
6. Status display: illuminated pilot lamps display status and a buzzer announces the completion and cuts off the heating power source.
7. Pressure gauge: the large diameter of chamber pressure gauge and jacket pressure gauge make ideal require reading and indicate high precision and consistent results.
8. Heating system: integral steam generator is equipped with a high efficient immersion heater and automatic feed water device to supply steam to sterilizer.
9. Vacuum system: controlled and monitored pulses vacuum and drying phase effectively condition loads of various size and density... reducing total sterilization time. System includes a condenser and water ejector.
10. Steam trap: discharges condensate from chamber to obtain effective saturated steam.
11. Air filter: an effective HEPA air filter is used to prevent contaminated air from entering into the chamber.
12. Chamber door: chamber door is manually operated and actuated by rotating a door handle.
13. Gasket: the silicone-rubber sealing gasket is applied to an even pressure door seal.
14. Chamber shell: cylindrical chamber provides a large capacity to satisfy a wide range of sterile processing needs. Chamber is made of high quality SUS 316 stainless steel with polished surface for long lasting service and easy cleaning. A double layer construction is thermally insulated with foil backed fiberglass insulation.

Safety devices

1. Safty door switch: cycle does not start unless chamber is locked also door-unlocked signal is displayed on the control panel.
2. Door interlock: door safety locking device keep door from being opened while chamber is pressurized during cycle.
3. Safety valve: releasing steam in case of excessive chamber pressure.
4. Overheating protection device: high temperature deviation in chamber actuates protective device cuts off the heating source immediately.
5. Low water protection device: low water level in steam generator will actuate audible alarm and protective device cut off the heating source immediately.
6. Circuit protection device: circuit breaker and fuse protects control units when short circuit or overload occurs.
7. Emergency exhaust: manual exhaust to vent the chamber and remove the load in the event of a power outage.

Norms and standards

Manufacturer correspond with quality system certified to GMP Taiwan.

Accessories

1. Bottom shelf×1
2. Operation manual×1

Options

□ Thermal printer - provides an easy to read printed record of all pertinent cycle data.

□ Vacuum pump – replace vacuum system's condenser and water ejector to vacuum pump to reduce water consumption.

□ Double door

Notes

Sterilizer is warranted to one year, exclude consumable (heater, gasket, HEPA air filter etc.).

Specifications

Model	Chamber Size (cm)	Volume (L)	Door Operation	Temperature Control	M.A.W.P (kg/cm^2)	Design Temperature (°C)	Maximum Working Temperature (°C)	Sterilizing & Drying Timer (mins)	Electric power (kw)		Power	Chamber Material	Jacket, Chamber Door & Shell Material
									Steam Generator	Central Steam			
HL-380P-80	∅80 × D120	603	Manual Hinge Door	LED Digital Temperature Controller	2.5	138	132	0~99	12KW x 2	2.5	220/380V 1PH/3PH 50/60Hz	Stainless Steel SUS316	Stainless Steel SUS304