

**HL-350-167**

**Vertical Type Steam Sterilizer**



**HL-350** vertical type steam sterilizer has space-saving, easy operation, durable, large capacity... features. Designed for clinics & laboratories with versatile sterilizing needs & where objects are to be sterilized such as: test tubes, glassware, liquids, surgical instruments, human waste products etc.

## ***Features***

1. Cycle progresses automatically by control system through conditioning & sterilizing phases.
2. Sterilize temperature is adjustable from 121° C to 132°C on temperature regulator. When setting temperature is achieved the process of sterilizing cycle will automatic operating.
3. Sterilize time is adjustable from 0 ~ 60 minutes on timer.
4. The timer starts only after . the pre-set temperature is reached, ensuring complete sterilization.
5. Illuminated pilot lamps display status & buzzer announces the completion and cuts off the heating power source
6. The large diameter of pressure gauge & thermometer make ideal require reading & indicate high precision and consistent results.
7. Integral heating system is equipped with a high efficient immersion heater & temperature switch to provide strict control of heating temperature.
8. Steam trap discharges condensate from chamber to obtain effective saturated steam.
9. An effective HEPA air filter is used to prevent contaminated air from entering into the chamber.
10. Chamber door is manually operated & actuated by rotating a door handle with foot pedal to lift door up.
11. The silicone-rubber sealing gasket is applied to an even pressure door seal.
12. Cylindrical chamber provides a large capacity to satisfy a wide range of sterile processing needs.
13. Chamber is made of high quality SUS 316 stainless steel with polished surface for long lasting service & easy cleaning. Chamber construction is thermally insulated with fiberglass & cover with stainless steel sheet.

## ***Safety devices***

1. Door interlock: door safety locking device keep door from being opened while chamber is pressurized during cycle.
2. Safety valve: releasing steam in case of excessive chamber pressure.
3. Overheating protection device: high temperature deviation in chamber actuates protective device cuts off the heating source immediately.
4. Circuit protection device: circuit breaker & fuse protects control units when short circuit or overload occurs.
5. Emergency exhaust: manual exhaust to vent the chamber & 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 x 1
2. Operation manual x 1

## ***Options***

- Digital temperature controller
- Automatic feed water device
- Stainless steel wire basket (Large) x 1
- Stainless steel wire basket (medium)x2

## ***Notes***

Sterilizer is warranted to one year.

## Specifications

Model	Chamber Size (cm)	Volume (L)	Overall Dimensions(cm)	Net Weight (Kg)	M.A.W.P (kg/cm <sup>2</sup> )	Design Temperature(°C)	Working Temperature(°C)	Sterilizing Timer (mins)	Electric power (kw)	Power	Chamber Material	Chamber Door Material
HL-350-167	Ø50×D85	167	Ø95×D160	182	2.5	138	121 ~ 132	0~60	5	220/380V 1PH/3PH 50/60Hz	Stainless Steel SUS 316	Stainless Steel SUS 304