

# AUTOCLAVE

## HL-390

System high pressure steam sterilizer  
Low temperature E.O.Gas sterilizer  
Formalin sterilizer



### FEATURES:

1. Cabinet type autoclave with programs to be selected for sterilization of wrapped, unwrapped and liquid loads.
2. Operation is easily performed by merely pressing the button to start the procedure of a full cycle in sterilization from vacuum, heating, sterilizing, exhaustion, drying to the completion with alarm and cut off heating power. Each stage is displayed by illuminated indicator light.
3. When the sterilized item has been unloaded from the chamber, the procedure of cycle is back to "prepare to start" situation.
4. Heating source come from a steam generator of electrical heating. Central steam source can be connected if specified.
5. Steam generator system includes water supply pump and level control device ensure from insufficient water in generator. In the event of failure in water supply, a buzzer alarms and the power is cut off automatically.
6. Auto-venting system expels air and unsaturated steam from chamber to get effective steam pressure. Furthermore, an air filter of 99.9% performing efficiency is used to prevent contaminated air from entering into the chamber.
7. Temperature recorder controls the chamber temperature and records them on a 6 "easy to interpret circular 24-hour chart.

### SELECTION CHECK LIST Chamber used : SUS#

- Chamber dimensions :  W16" X H16" X D26" (109)  304  316  316TI  
 W20"XH20"XD38" (249)  W24"XH36"XD48" (679 I )  
 W24"XH24"XD38" (358)  W24"XH36"XD60" (849 I )  
 W36"XH48"XD76" (2,152 I )
- Mounting :  Single door cabinetized  Double doors cabinetized  
 Single door recessed  Double doors recessed
- Sterilizing agent :  Steam  
 Central steam supplying  
 Integral steam generator
- Power source :  AC 220V,3P,60Hz
- Recording :  Recorder with 6" Q chart  Printer with LCD display

## HL-380P

Automatic high pressure steam sterilizer



### FEATURES:

- Cabinet-style, horizontal loading autoclave with automatically controlled system for water supply, heating, sterilizing, exhaust/drying, end of cycle alarm and power-off.
- Double shell construction with mineral fiber insulation on outer surface of Jacket shell.
- Stainless steel chamber door with radial locking bars, protected by stainless steel cover.
- Steam Generator activated by immersion type heater and water level indicator, with low water level safety system.
- Automatic air vent and condensation trap ensure high quality steam production.
- Digital thermal control/display system ensures accurate temperature setting throughout operation.
- Separate pressure gauges for Chamber and Jacket.
- Silicone Rubber Gasket for pressure-tight packing.
- Sterilization temperature range: 110- 134' C

### Safety devices:

- A. Overheating prevention: power will be cut-off automatically in case of low water supply.
- B. Door switch: programs start only if door is properly locked.
- C. Safety Valve: excess pressure will be released to ensure normal operation.
- D. Sensitive Exhaust Valve: used during sterilization of liquids to eliminate spillage.

### SPECIFICATIONS

Chamber dimensions	Overall dimensions	Current	Power supply
450 x D. 950mm 151L	W.700xD.1300xH.1600mm	9kwx1	220V (380V 3hp ~50/60Hz)
500 x D.1000mm 196L	W.770xD.1350xH.1650mm	12kwx 1	
600 x D.1000mm 282L	W.890xD.1350xH.1750mm	9kwx2	
700 x D.1200mm 461L	W.1000 x D,1550 x H.1850mm	12 kw x 2	
800 x D.1200mm 603L	W.1100 x D.1550 x H. 1900mm	12 kw x 3	
Chamber Materials: <input type="checkbox"/> 304# <input type="checkbox"/> 316# <input type="checkbox"/> 316TI#			
Sterilizing timer : 0-99 minutes.			
Drying timer : 0-99minutes.			
Jacket pressure gauge : 0-4kg/cm'			
Chamber pressure gauge : 0-4kg/cm'			
Digital microprocessor temperature control			
Controls/display all range selectable			
Options:			
<input type="checkbox"/> Automatic water pump <input type="checkbox"/> Milk pasteurization			
<input type="checkbox"/> Disinfection loading trolley <input type="checkbox"/> Infectious rubbish			