

Goley Vertical Laboratory Autoclave

GOLEY®
STERILIZERS

CONSTRUCTION

- Double chamber construction
- Inner chamber , outer chamber, Lid, Support rings, Support legs made up of heavy gauge stainless steel 304 grade
- Hi-tech stainless steel 304 grade radial lock locking mechanism for ultimate ease of operation and safety, Paddle lifting arrangement
- Incorporated with Pressure gauge, automatic pressure control switch , Mechanical timer device, Buzzer, Safety valve, Water outlet device, Steam release valve.
- Specially designed ISI marked energy efficient stainless steel heaters
- Low water cut off device which protects the heaters from running dry.
- Vacuum breaker is also provided to break vacuum in case of power failure
- Inner stainless steel 304 grade perforated basket
- Seamless silicon grade gasket.
- Pressure adjustable from 5 psi to 20 psi
- To work on 220/230V, 50 Hz, Single Phase
- Working temperature 121 °c, However as per requirement it can be upgraded upto 134 °c



Variant	Size of inner chamber (mm)	Size of inner chamber (inches)	Capacity in liters	Heating load
Ft - 301	300 x 500 mm	12" x 20"	45 liters	3 kw
Ft - 302	350 x 550 mm	14" x 22"	60 liters	3 kw
Ft - 303	400 x 600 mm	16" x 24"	78 liters	4.5 kw
Ft - 304	450 x 600 mm	18" x 24"	90 liters	6 kw
Ft - 305	550 x 750 mm	22" x 30"	160 liters	6 kw

The above sizes are our standard sizes of Laboratory Autoclave, However we are fully capable to cater the demand of any customized size for any special application

UPGRADATIONS

- **SEMI AUTOMATIC** : : Incorporated with Microprocessor based controller (Programmable by user) with digital display of temperature & timer. After achieving 121 degree timer starts automatically which is also preset at 20 Minutes (Adjustable). After cycle ends unit gets switch off & steam can be released Manually.
- **FULLY AUTOMATIC** : Incorporated with Microprocessor based controller (Programmable by user) with digital display of temperature & timer Enable reproducibility of results as full cycle including purging of stale air, Sterilizing hold time, Cycle ends with exhaust of pressure is automatically. Requiring no human intervention

Features (optional)

PLC / HMI
With Printer

STEAM STORAGE
For Fast Cycles

Water Level
Indicator