

# Autoclave



## Features :

- ⇒ Vertical loading with service basket.
- ⇒ Digital PID controller precisely controls the set temperature within  $\pm 0.5^{\circ}\text{C}$  and sterilization time in min: sec.
- ⇒ Dual LED displays current temperature and set temperature or remaining time simultaneously.
- ⇒ Stainless steel interior lid and top to protect from corrosion by water and steam.
- ⇒ Incolony heating element provides long life, resistant corrosion and high temperature in repeated use.
- ⇒ Triple safety feature for over temperature and pressure.
- ⇒ For sterilization of bacteria, microorganism and virus with steamed hot air usually at  $121^{\circ}\text{C}$ ,  $1.2\text{kgf/cm}^2$ .
- ⇒ Sterilization for laboratory ware needs being sterilized as flasks, bottles, pipets animal cages & Plastic ware broth or agar media for bacterial cultural or disposal of biohazard wastes such as syringe, cloth gloves or petridishes.



LAC-40, 60, 80 & 100CL

## Technical Specifications and Ordering Information :

Model No.		LAC-40	LAC-60	LAC-80	LAC-100CL
Chamber Volume (Capacity) (L)		40	60	80	100
Temperature	Heating Type	Direct heating by stainless steel incolony heater			
	Range ( $^{\circ}\text{C}$ )	Upto 123.0			
	Accuracy	$\pm 0.5^{\circ}\text{C}$ at $121^{\circ}\text{C}$			
	Uniformity	$\pm 2.0^{\circ}\text{C}$ at $121^{\circ}\text{C}$			
	Heat up Time (min)	Approx. 25			
Heater (KW)		2	3	4	5
Control	Main Controller	Digital PID controller with timer & auto tuning			
	Wait off Timer	mm: ss /hh: mm /continuous selectable			
	Sensor	Pt 100 $\Omega$			
Safety Device	Temperature	Hydraulic over temperature protection safety device			
	Electrical	Electrical leakage breaker			
	Pressure	Mechanical over pressure safety valve			
Dimensions (mm)	Inner (W x H)	300 x 620	350 x 620	400 x 620	450 x 620
	Outer (W x D x H)	620 x 460 x 950	670 x 510 x 990	710 x 550 x 990	760 x 600 x 990
	Usable (W x H)	280 x 600	330 x 600	380 x 600	430 x 600
	Basket (W x H)	280 x 290	330 x 290	380 x 290	430 x 290
Basket	Type	Stainless steel perforated basket			
	No. of Basket	2			
	Max. Basket Load	2			
Plug Type		European 220 VAC STD plug		3p plug	
Catalog No.		07150101	07150102	07150103	07150104



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