

## INCUBATOR



### Description

There are some laboratory applications that require shaking under a constant low temperature; therefore, we bring to you shaking incubators that combine incubator and orbital shaker under one cabinet. Such machines feature all the facilities of a refrigerated incubator along with one orbital shaker fitted inside. Each unit is fitted with digital temperature controller, shaking speed controller and digital indicator for RPM.

Our bacterial Incubator Shakers offer excellent temperature uniformity and smooth orbital shaking. The machine is easy to use and maintain. Made of corrosion free steel sheets and rugged design, these units offer excellent performance year after year.

## Technical Specifications:

<b>Temperature range</b>	Ambient to 70°C			
<b>Temperature accuracy</b>	±0.2°C @37°C			
<b>Temperature control</b>	Dual display PID controller Display SV & PV Auto tuning feature			
<b>Temperature sensor</b>	PT100			
<b>Inner chamber</b>	SS 304			
<b>External cabinet</b>	Powder coated GI sheet			
<b>Insulation</b>	Glass wool			
<b>Door</b>	Insulated door Mechanical latch / clamp Glass window			
<b>Shaking Platform size</b>	12"x12"	18"x18"	22"x22"	16"x26"
<b>Flask Capacity</b>	250ml x 9 / 500 ml x 4 / 1000 ml x 4	250ml x 16/ 500 ml x 16/ 2000 ml x 4	250ml x 25 / 500 ml x 25 / 1000 ml x 16	250ml x 36 / 500 ml x 36 / 1000 ml x 25
<b>Orbital Motion Diameter</b>	25 mm			
<b>RPM Controller</b>	Speed regulator			
<b>Heaters</b>	Resistance wire heaters (Air Fin Heaters optional)			
<b>Shelves</b>	SS wire mesh (removable)/ Shelves with holes for small instruments			
<b>Air circulation</b>	Motorized blower / Axial fan			
<b>Standard fittings</b>	Mainson/off switch /Load Indicator / Fan on/off switch			
<b>Power supply</b>	220 Volts 50Hz			
<b>Shaking movement</b>	Orbital			



## Ordering Information:

Model	Size	Volume	Shelves
HBS-28L	12" X 12" X 12"	28Liter	2
HBS-45L	14" X 14" X 14"	45Liter	2
HBS-95L	18" X 18" X 18"	95Liter	3
HBS-125L	18" X 18" X 24"	127Liter	3
HBS-216L	24" X 24" X 24"	226Liter	3
HBS-250L	18" X 24" X 30"	250Liter	4
HBS-340L	24" X 24" X 36"	326liter	5
HBS-500L	28" X 28" X 40"	500Liter	7