

BOD INCUBATOR SHAKER



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:

Temperature range	4°C-60°C			
Temperature accuracy	±0.2°C @37°C			
Temperature control	Dual display PID controller Display SV & PV Auto tuning feature			
Temperature sensor	PT100			
Inner chamber	SS 304			
External cabinet	Powder coated GI sheet			
Insulation	Glass wool			
Door	Insulated door Mechanical latch / clamp Glass window			
Shaking Platform size	12"x12"	18"x18"	22"x22"	16"x26"
Flask Capacity	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
Shaking Speed	30 to 300 rpm (±2 rpm)			
Orbital Motion Diameter	25 mm			
RPM Controller	Speed regulator			
Heaters	Resistance wire heaters (Air Fin Heaters optional)			
Shelves	SS wire mesh (removable)/ Shelves with holes for small instruments			
Air circulation	Motorized blower / Axial fan			
Standard fittings	Mainson/off switch /Load Indicator / Fan on/off switch			
Power supply	220 Volts 50Hz			
Shaking movement	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