

# SHI-168:ROTARYSHAKER (HORIZONTAL)

An ISO 9001:2015 Certified Company  
ISO 13485:2016

## SALIENT FEATURES & CONSTRUCTION OF ROTARY SHAKER

- It is a compact bench top model unit
  - The shaker is mounted on ball bearing crankshafts to give an orbital circular motion to the flasks.
  - The diameter of the orbit is approximately 2".
  - Compact counter balanced drive mechanism ensures high stability and reliability even in continuous operation & uneven load distribution.
  - Speed range is 50 - 200 RPM.
  - Fitted with heavy duty motor having variable speed.
  - Speed can be controlled through variable speed regulator knob or by mechanical speed controller.
  - Complete body is mounted on heavy mild steel angle iron frame making it rigid and sturdy for smooth operations.
  - Available in stainless steel platform fitted with stainless steel lotus type clamps to hold flasks,
- OR
- Mild steel painted platform fitted with rubber discs to hold conical flasks from 50 ml to 1 000 ml capacity.
  - Supplied complete with cord & plug to work on Single Phase 220 / 230 volts A.C. supply

Platform Size	Flasks Holding Capacity	Load
a) 45 x 45 cm	25 Flask of 100 ml.	0.25
	36 Flask of 50	
	49 Flask of 25	
55x55cm	25 Flask 250ml	0.25
60x60cms	36flask of 250ml	0.50
100x100cms	81 flask of 250ml	1.00kw
125x125Cm	64 flask of 500ml	1.00w
125c125cm	49 flask 1000ml	1.00kw



## APPLICATIONS OF ROTARY SHAKER

Shaker is used in various Lab & Industries, Pathological work for Shaking the Liquid in Conical Glass Flask from 25 to 1000 ml capacity.

Rotary Flask shakers are ideal for mixing and development of cultures, chemicals, solvents, and assays etc. in Microbiological, Cell Culture & Life Science laboratories.

It is continuous-duty device designed for the agitation of solid phase peptide synthesis flasks and other similar glassware.



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