



## ORBITAL SHAKER ECONOMICAL

Our company manufactures and supplies Orbital Shakers, Linear Shaker, Refrigerated Water Bath Shaker, Water Bath Incubator Shaker & Orbital Incubator Shaker catering to customers' varied requirements. Orbital shaker are sturdy and robust. Owing to its hassle-free functionality, it is widely used in various cell culture, microbiological & life science laboratories and other institutions for developing and mixing different chemicals, cultures, assays and solvents. These Orbital Shakers are made of world class raw material and tested under the guidance of specialists.



### SAILENT FEATURES

- Top shaking plate and body made of mild steel duly powder coated
- 25 mm orbital shaking action
- 50-180 RPM shaking speed range
- Shaking accuracy of  $\pm 5$  RPM
- Shaker speed can be controlled through a continuously speed variable regulator knob
- Machine is fitted with heavy duty brushless DC motor and DC drive
- Platform is fitted with interchangeable lotus clamp to hold the flask. Clamps are made of fiber or SS with spring.
- Continuous working operation
- Digital displays for shaking speed
- Automatic restart at pre set speed in case of power interruption
- It works on 230V AC, 50 Hz power supply



### SPECIFICATION

Model	SAII-OS-9F-Eco	SAII-OS-16F-Eco	SAII-OS-25F-Eco	SAII-OS-49F-Eco	SAII-OS-64F-Eco	SAII-OS-121F-Eco
Flask capacity (250ml)	9	16	25	49	64	121
Shaking Plate Size	12" x 12"	18" x 18"	24" x 24"	30" x 30"	36" x 36"	48" x 48"
Max Load Capacity Kg	12	15	25	40	50	100
Weight (Approx Kg)	18	25	35	50	60	120
Type	Bench top	Bench top	Floor	Floor	Floor	Floor

NOTE - Shaking speed accuracy is dependent on input voltage fluctuations



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User can select any one capacity platform as per his / her requirement for shaking platform

Model / Flask capacity (ml)	150 ml	250 ml	500 ml	1000 ml	2000 ml	3000 ml	5000 ml
SAII-OS-9F-Eco	9	9	4	4	1	1	1
SAII-OS-16F-Eco	25	16	16	9	4	4	2
SAII-OS-25F-Eco	36	25	25	16	9	4	4
SAII-OS-49F-Eco	64	49	36	25	16	9	9
SAII-OS-64F-Eco	100	64	49	36	25	16	9
SAII-OS-121F-Eco	169	121	81	64	36	25	25

**OPTIONAL (ADDITIONAL FEATURES) :**

- Top shaking plate made of Stainless Steel SS 304 grade
- Compatible voltage stabilizer for increasing shaking accuracy
- High shaking speed up to 300 RPM
- Shaking speed up to 250 RPM
- Digital timer for setting shaking time
- Top plate made of stainless steel 316 and body made of SS 304
- Extra clamps of 150 ml / 250 ml / 500 ml / 1000 ml / 2000 ml / 3000 ml / 5000 ml



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