

## ROTARY FLASK SHAKER



- **Drive Mechanism** – Heavy-duty motor with belt or gear drive system for consistent performance.
- **Platform Material** – Non-slip rubber sheet or stainless steel platform for better grip and corrosion resistance.

### APPLICATIONS

- Ideal for chemical, biological, and microbiological laboratories.
- Used in tissue culture, fermentation, enzyme reactions, and hybridization studies.
- Suitable for mixing, blending, and agitation of liquids in flasks.
- Commonly used in R&D labs, pharmaceutical, and food industries.
- Essential for cell culture and bacterial growth experiments.

### KEY FEATURES

- **Robust Construction** – Heavy-duty mild steel body with powder-coated finish ensures durability and vibration-free operation.
- **Rotary Motion** – Provides uniform circular shaking for efficient mixing and aeration of liquids in flasks.
- **Variable Speed Control** – Speed can be adjusted (typically from 20 to 300 RPM) through an electronic or mechanical regulator.
- **Flask Holding Platform** – Equipped with a platform carrying adjustable flask holders/clamps suitable for various flask sizes (usually 25 ml to 5000 ml).
- **Timer Option** – Built-in digital or mechanical timer for preset shaking durations.
- **Smooth & Silent Operation** – Balanced drive mechanism ensures smooth, noiseless rotation..



## TECHNICAL SPECIFICATIONS

Parameter	Specification
<b>Model Type</b>	Rotary Flask Shaker ( Single / Double Platform)
<b>Platform Size</b>	450 × 450 mm / 600 × 600 mm (Customizable)
<b>Capacity</b>	4, 8, 16, 25, or 36 flasks (25 ml to 5000 ml)
<b>Speed Range</b>	20 – 300 RPM (Variable)
<b>Shaking Motion</b>	Orbital
<b>Timer</b>	0 – 9999 hours (optional)
<b>Drive Mechanism</b>	Belt-driven / Gear type
<b>Platform Material</b>	Stainless Steel (SS 304/316)
<b>Body Material</b>	Mild Steel with powder coating or SS
<b>Power Supply</b>	230 V ± 10%, 50 Hz, Single Phase
<b>Display</b>	Digital RPM and Timer Display (optional)

Model	Dimension	Capacity	No. Of Platform
PTE RSF-110 A	12"X12"	9 FLASK OF 500 ML	1
PTE RSF-110 B	18"X18"	16 FLASK OF 500 ML	1
PTE RSF-110 C	22"X22"	25 FLASK OF 500 ML	1
PTE RSF-110 D	26"X26"	36 FLASK OF 500 ML	1
PTE RSF-110 E	36"X36"	49 FLASK OF 500 ML	1
PTE RSF-110 F	40"X40"	64 FLASK OF 500 ML	1
PTE RSF-110 G	48"X48"	81 FLASK OF 500 ML	1
PTE RSF-110 H	60"X60"	100 FLASK OF 500 ML	1
PTE RSF-110 I	72"X72"	121 FLASK OF 500 ML	1

\*\*\* We have Same Sizes for Double Decker shaker with all Customizations