



## Incubated Shakers

Orbital shaking incubators are specifically designed to have combined advantage of closely controlled incubation/storage-temperatures with orbital shaking necessary for many laboratory procedures such as tissue cultures, fermentation studies, enzyme reactions, controlled Incubation and aging tests, incorporates hermetically sealed compressor housed below the incubator to provide temperatures below ambient. Brushless Induction drive motor with frequency drive makes the unit suitable for continuous non-stop operation. Stepless electronic frequency control ensures gentle start and maintains preset speed. Compact counter balanced drive mechanism ensures high stability and reliability even in continuous operation & uneven load distribution.

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### Salient Features

- > Inner Chamber S.S. 304 & Outer chamber M.S. powder coated with Plexi glass inner door > Variable speed from 20 RPM to 250 RPM.
- > Digital display of speed with preset facility.
- > Shaking amplitude 25 mm.
- > Universal Platform to accommodate interchangeable clamps of assorted sizes for different capacity of flasks. ( maximum capacity) 100 ml x 40 flasks, 150 ml x 34 flasks, 250ml x 23 flasks, 500 ml x 16 flasks, 1000 ml x 9 flasks).
- > Automatic restart at preset speed in case of power failure.
- > Digital Display Temperature Controller.

### Optional Features

- > Chamber illumination with fluorescent or Ultra Violet Lamps.
- > 0-24 Hrs. Cyclic timer for illumination control.

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### Technical Data

Models	Chamber Volume (Litres)	Max. shaking Capacity	Platform Size	External Dimensions W X D X H (cm)	Temperature Range (Accuracy)	Recommended Voltage Stabilizer
CIS-24 BL	180	9 liters	18" x 20"	70 x 78 x 125	5°C to 60°C (± 0.5°C)	VS - 02
RIS-24 BL	180	9 liters	18" x 20"	63 x 68 x 60	5°C above ambient to 60°C (± 0.5°C)	x

Supply: 220-240 Volts 50 Hz Single Phase.