



An ISO 9001:2008 Certified Company

CREATING STANDARDS  
WITH COMMITMENT TO QUALITY

## Orbital Shaking Incubator (Cooling System)

Temperature controlled by Digital Temp. Controller cum indicator 5° to 60°C, with an accuracy of  $\pm 0.5^{\circ}\text{C}$  or better. Temperature below ambient is maintained by a hermetically sealed compressor with complete unit placed beneath the chamber. Shaking speed can be controlled by speed regulator and fitted with D.C. drive indicated by Digital RPM meter. Shaking platform also made of S.Steel to accommodate 16 flask of 500ml. capacity..A stainless steel perforated tray is also provided for the use of upper portion of the chamber as a simple BOD incubator. An illumination lamp is also provided inside the chamber, suitable to work on 220/230 V, 50Hz. Single phase AC supply.



**+5°C to 60°C**

Temp. Range

**$\pm 0.5^{\circ}\text{C}$**

Temp. Accuracy

**$\pm 1^{\circ}\text{C}$**

Temp. Uniformity

**220-230v 50Hz**

Power

Sizes Available

### SIZE AVAILABLE:

Chamber Size : 625 x 550 x 550 mm to hold 16 flask of 500ml

## Technical Specifications

Temperature Controller	Microprocessor based PID controller
Temp Display	Digital
Air Circulation	2 NOS Forced by 1/35fhp motor and blower
Heating Element	Stainless Steel
MOC	<b>Exterior:</b> MS powder coated <b>Interior:</b> 304 stainless steel
Insulation	Glass wool/Puff
Doors / Inner Door	Solid doors with gasket & lock / Glass with Aluminum Frame
Shelves / Shaker	1 No. of Steel Wire / Rotary Type Shaker with Lotus Clamps to hold Flask.
Cooling System	Hermetically Sealed COPELAND /KIRLOSKAR Condensing unit/compressor
Illumination	By LED Tube
Control Panel	MCB, Main & Cooling, Heating Indicator, PID Temp. Controller, Digital RPM Indicator with DC Drive for Shaker , Speed Regulator.
Door Lock	Provided with Lock & Key
Optional	Outer body of Stainless steel 212/304 Illumination by 3 nos LED tubes 0-24 Hrs Digital timer Rs-232 computer interference compatible to computer with software. NABL calibration of digital temp controller.



**SHIVAM INSTRUMENTS**

DELHI-110052

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