



# ICON INSTRUMENTS COMPANY

(Manufacturer of Laboratory Equipment )

## ORBITAL SHAKING BOD INCUBATOR

IIC-119-1



"IMPACT" Orbital Shaking Incubator cum BOD Incubator have Outer body is made of MS Sheet duly powder coated. Inner chamber made of thick Stainless Steel Sheet 304 Grade. The gap between the outer & the Inner wall is fitted with PUF insulation for minimal thermal losses. Unit has double walled door with a transparent see through window. Variable speed Orbital shaking platform is fitted with DC driven motor for continuous operation. Shaking platform is provided at the bottom of the chamber so as to shake conical flask. Sealed Compressor is provided at the bottom of the Unit, mounted on the MS angle Frame. The Unit is supplied with Air circulation fan for the temperature Uniformity. To work on 220/230 volts AC Supply.

Orbital Shaking Motion, Shaking Orbit/ Amplitude: 15-35mm, Control Panel:- Temperature controller with digital LCD display & Timer upto 24 Hrs. with Alarm RPM with Display, Temp. Range. (Heating & Cooling) 5 Deg C to 60 Deg C with accuracy  $\pm 0.5$  Deg C, Speed Range: upto 250rpm OR 350 RPM as per customer Requirement with Digital Display  $\pm 5$  Rpm, Universal Trays with clamps with various size, Transparent Door for viewing or sample places inside or illumination/ sterilization by UV or other means, High Temperature Safety Cut-Off, Compressor:- CFC Free Compressor with Overload Protector, Motor: Solid State Brushless Induction, Power supply: 220-240V, 50Hz single phase

### Technical Parameters :

- Floor Model: Incubator Shaker with refrigerated temp. range
- Orbital Shaking Motion
- Shaking Orbit/ Amplitude: 15-35mm
- Control Panel:- Digital Temperature controller with LCD/LED display, Timer upto 24 Hrs. RPM with Display
- Temp. Range. (Heating & Cooling) 5 Deg C to 60 Deg C with accuracy  $\pm 0.5$  Deg C
- Speed Range: upto 250rpm with Digital Display  $\pm 5$  Rpm
- Universal Trays to hold various sizes of Clamp
- Interior of Stainless Steel 304 & Outer Made of M.S. duly powder coated
- Capacity:- To hold 09 Flask of 250ml "OR" To hold 12 Flask of 250ml
- Transparent Door for viewing or sample places inside
- High Temperature Safety Cut-Off
- Compressor:- CFC Free Compressor with Overload Protector
- Motor: Solid State Brushless Induction
- Power supply: 220-240V, 50Hz single phase

### Optional Accessories:-

- Spare Lotus Clamps (SS 304 Grade)
- Voltage Stabilizer
- Alarm for High/Low set Temperature

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