



MANUFACTURERS OF:
Industrial Oven, Furnaces, Cooling
Equipments, Scientific, Surgical, &
Laboratory Equipments

LAB-CARE
INSTRUMENTS & SERVICES

ORBITAL SHAKING INCUBATOR

Introduction : “Lab Care” make Orbital Shaking Incubators are designed and fabricated to suit various I.S. standards to Orbital or reciprocating shaking motion application in the growing field of Medical, Agricultural, Industrial, Research laboratories and Hospitals.

- Features :**
- Temperature 5 deg c. to 60 °C.
 - Time proportionate digital Temperature controller with an accuracy of +/- 0.5 °C.
 - Shaking with the help of DC Drive and Brush less Motor, having Eccentric pulley mechanism.



Specification:

Models	LC-34a	LC -34b	LC -34c	LC -34d	LC -34e	LC -34f	LC -34g	LC -34h	LC34 i
Capacity	250 x 9	250 x 16	250 x 25	250 x 36	500 x 9	500 x 16	500 x 25	1000 x 4	1000 x 9
Platform Size (cm)	30 x 30	40 x 40	50 x 50	60 x 60	35 x 35	50 x 50	60 x 60	30 x 30	45 x 45
Inner Chamber	Stainless Steel 22 swg. 304 quality								
External	Mild Steel powder coated								
Range	5 °C to 60 °C								
Controller	Electronic Display Digital Temperature Controller.								
Sensor	PT-100								
Accuracy	+/- 0.5 °C								
Uniformity	+/- 1.0 °C								
Compressor	Hermetically Sealed Emersion Make Cooling compressor								
Air Heater	Special Type S.S Tubular Air Heaters with fins.								
Air Circulation	Forced air circulation from Back wall.								
Cool down time	45 min. upto 5 °C without load from ambient								
Heat up time	30 min. upto 60 °C without load from ambient								
DC Drive	Digital RPM Indicator cum Controller.								
Shaking	Stroke length 20mm, 25mm (standard), 40 mm.								
RPM	50 to 200 RPM.								
Lotus Clamps	S.S clamps having Spring tension for holding flasks.								
Insulation	Glass wool 65 mm.								
Door gasket	Magnetic gasket								
Inner Door	Full Size See Through Acraclac /glass.								
Optional									
Safety device	Thermostat.								
Timer	ON / OFF cycle.								
Capacity (watts)	1500	1500	2000	3000	1500	2000	3000	1500	2000
Power Consumption	6 amp	6 amp	8 amps	12 amps	6 Amps	8 amps	12 amps	6 amp	8 amps
Net weight, approx	55 kgs	60 kgs	70 kgs	85 kgs	60 kgs	70 kgs	85 kgs	55 kgs	70 kgs
Electric requirements AC 230 V & 50 Hz cycle.									