



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

**LAB-CARE**  
**INSTRUMENTS & SERVICES**

## Humidity /Environmental/ Stability Chamber

**Construction :** Triple walled at back and bottom and both side double wall construction Working Chamber Steel 304 L and Outer Body Mild Steel Powder Coated / SS 304 L, Fiber/SS-PU Wheel for easy movement of the equipments full length Inner Flexi Glass Door and out side metallic with good class magnetic gaskets and Lock.

**Cooling Systeme :** Cooling by hermetically sealed Emersion Brand Compressor air cooled condensing unit mounted at heavy base frame with safety electrical wiring and CFC cooling gas loaded

**Heating System :** Heating by SS Tabular Heater with fins fitted at back side below air blower

**Humidity System :** Steam Injected type by good quality Emersion Heater

**Air Circulation :** Air Circulation Motor fitted at back side with aluminum blower for better Temperature uniformity inside working chamber

**Temp. & Humidity Controller :** Temp. & Humidity Control by Microprocessor Base Double Display Auto Tune PID Temperature & Direct Humidity Display Controllers cum indicator

**Temperature Rang :** 10 to 60°C

**Humidity Range :** 40 to 92%

**Temp. Control Accuracy :** +/- 0.5°C or Better

**Humidity Control Accuracy :** +/- 3% or Better

**Temp. Uniformity Inside Working Chamber :** +/- 1 °C or Better

**Humidity Uniformity Inside Working Chamber :** +/- 5%RH or Better



Model	Size In Ltrs	Size In Cft.	Working Size HXDXW(CMS)	No. of Shelf
LC-23-A	100	3	50 x 45 x 45	2
LC-23-B	180	6	70 x 51 x 51	3
LC-23-C	300	10	100 x 55 x 55	4
LC-23-D	360	12	100x 60 x 60	5
LC-23-E	480	16	114 x 65 x 65	6

### LAB - CARE Range of Product :

Auto Calve, Humidity/Stabilty-Chamber, Hot Air Oven Muffle/Refractory/Tube -Furance, Shaker Incubator, Vacuum Oven, COD Appts., Constant Temp. Bath, Low Temp. Paint Crossion, Oven, Cryostate Bath, Coling Refrigearator, Deep Freezer, D-humidity fire, Plant Growth Chamber, Ultrasonic Bath Viscosity Bath, Tray Dryer, Hot Plate, Water Bath etc

### Optional : -

1. Any other sizes or other temp range available on request
2. µp Profile Controller for cyclic applications (Ramp & Soak)
3. Microprocessor Base PID Temperature Controller with PC/Printer Interface available
4. Data Logger with window base PC software with 21cfr and without 21 CFR Software available
5. Stand by Refrigeration ,Blower Motor, Humdityfication system & Control System available
6. Temperatures High/Low Shoot up alarm facility available
7. GSM Module available/PLC System with with 21CFR PC Software available

*N.B. : Due to continuous R&D model / specifications may change.  
Picture shown with optional accessories.*