



# ICON INSTRUMENTS COMPANY

(Manufacturer of Laboratory Equipment)

**IIC-129**

## PLANT GROWTH CHAMBERS (REFRIGERATED) ECO FRIENDLY

- Refrigerated Incubation & freezing in one unit.
- Better mineral & Puf Insulated to keep the surface Temp. of body comfortable & Avoid loss of heating & Cooling.
- Silent energy saving Kirloskar/Tecumseh Compressor designed to circulate uniform air throughout the chamber with better designed imported coil condenser, copper coil improved Temp. distribution.
- Polish 304 grade S. Steel interior corrosion resistant long life operation having adjustable shelves to make more space for different height.
- Kanthal A-1 tubular heater is fitted for better accuracy.
- Provide with Digital Temp. Controller having 2 set point for Day & Night /Microprocessor Based PID Temp. Controller, having Separate Control Relay / SSR.
- Safety system is provided with the Digital Temp. system.
- Kanthal A-1 steel tubular immersion heater are provide in the steam bath for humidity injection / spray for better result & long life.
- Double door model with outer M. S. Powder Coated & inner full size clear Perspex / Acrylic sheet door to observe the Test Process inside the chamber while keep Temp un-interrupted.
- Angle Iron Frame with Castor wheel for easy movement.
- Fitted with 2 Nos. Fan for cooling & Heating & 2 Nos. 1/70 HP motor for humidity spray / injection in the control & inside the chamber for uniform Air Circulation.
- 2 Sides Glass window duly sealed, having light penetrating adjustable shelves, having 6/8 Tube Light of 2' (24") each or 9 Nos. Bulb minimum influence from natural light & reduce Temperature rise of the chamber resulting from the light, Timer for Day & Night, Illumination is controlled by 2 Nos. 24 Hrs. Timer.
- Temperature :- 5°C to 60°C under Normal Condition, when both Sides light are ON temperature will be 15°C to 60°C



### Applications :

Applicable for Agriculture, Bio Tech Life Science, Pharmaceutical & Chemical Industry Research & Quality inspection.

Model	IIC 129	IIC 129 A	IIC 129 B
Capacity (Liter)	171 Ltrs.	280 Ltrs.	340 Ltrs.
Interior (mm)	505 x 415 x 830mm	570 x 550 x 875mm	650 x 580 x 900mm
Chamber Capacity	6 Cuft	10 Cuft	12 Cuft
Shelves	2	3	3

### Technical Parameters :

Temperature Range	: 5°C - 60°C
Temperature Stability	: ± 1°C max
Humidity Range	: 60 -95% ± 3%
Humidity Control	: Digital with all safety controls
Material	: CRC / MS sheet duly powder coated, (Double Colour gate grill & Top)
Power Consumption	: 220/230V AC ± 10% HZ, Single Phase
Optional	: RS 232 Communication interface
Compressor	: Kirloskar /Tecumseh Model As per Size requirement
Refrigerated	: R 134
Duty Cycle	: Continuous
Interior	: S. S. 304 Grade & Perforated S. Steel Trays

### Optional

- Voltage Stabilizer
- Digital Humidity Controller

Works : Z-67, Okhla Industrial Area, Phase-II, New Delhi - 110020

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