



ICON INSTRUMENTS COMPANY

(Manufacturer of Laboratory Equipment)

IIC-108

SEED GERMINATOR (ECO FRIENDLY)

- Refrigerated & Humidity Condition for Seed.
- Better Mineral / Puf Insulated to keep the surface Temp. of Body comfortable & Avoid cooling loss.
- Silent energy saving Kirloskar/ Tecumseh Compressor designed to circulate uniform Air Throughout the chamber with better imported coil condenser / copper coil improved Temperature 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 with for better accuracy.
- Tubular type Kanthal A-1 Immersion heater is fitted at the bottom of tank for humidity purpose.
- Windowed Front glass door, Also outer MS powder Coated door & inner full view Acrylic door to observe the Test process inside the seed Germinator as desired while keep Temp. Humidity un-interrupted.
- Full feature Digital TempController Cum Indicator with Voltmeter.
- Angle Iron frame with castor wheel for easy movement.
- 2 Side extra door with exterior lighting arrangement (06 Nos. Fluorescent Tube Light) with Copper choke & Starter.
- 24 Hrs. Cyclic Timer to control the Illumination i.e. 6 Tube light.
- Humidistat to control Humidity (On customer request).
- Safety Controller are provide with the Digital Temp. Controller. Fitted with 2 Nos. Fan (one for heating & one for cooling).



Applications :

Useful for Conducting various experiment on variety of seed. Can be use as incubator

SINGLE CHAMBER

Model	IIC 108	IIC 108 A	IIC 108 B
Capacity (Liter)	171 Ltrs.	280 Ltrs.	340 Ltrs.
Interior (mm)	505 x 415 x 830 mm	570 x 550 x 875 mm	650 x 580 x 900 mm
Chamber Capacity	6 Cuft	10 Cuft	12 Cuft
Shelves	6	8	14

DUAL CHAMBER

Model	IIC 108-1A	IIC 108-1B
Capacity (Liter)	340 Ltrs.	560 Ltrs.
Interior (mm)	505 x 415 x 830 x 2 Chambers	570 x 550 x 875 x 2 Chambers
Chamber Capacity	12 Cuft	20 Cuft
Shelves	6+6	8+8



Technical Parameters :

Control panel	: Voltmeter, Mains, Humidity Indicator, Illumination L & R, 24Hrs. Timer & Digital Temp. / Humidity Controller.	Humidity Control	: By Humidistat / Digital
Power Consumption	: 220/230V AC supply \pm 10%, 50 HZ Single Phase	Refrigerated	: R 134
Safety Function	: Temp. Overshoot / Failure Control.	Compressor	: Kirloskar / Tecumseh / Model as per requirement
Material	: CRC/ Mild Steel duly powder Coated, S.S. Gate.	Duty Cycle	: Continuous duty
Optional	: Double Colour Gate, Top & Grill.	Interior	: S. Steel 304 grade with glass window for illumination condition on the both side.
Temperature Range	: 10° - 60°C	Precaution	: Don't use the Instrument without water check water level at regular interval
Temperature Stability	: \pm 1°C max	Temperature Range	: 10° - 60°C
Humidity Range	: 90-95% \pm 3%	Temperature Stability	: \pm 1°C max
		Humidity Range	: 90-95% \pm 3%

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