

Seed Germinator



Seed Germinators are useful for seed testing, biological studies, forestry research work. Plant Pathology etc. They are suitable for the simulation of temperature and relative humidity values above freezing point. Chamber illumination with one fluorescent and one ultraviolet tubes along with cyclic timer gives the user the flexibility to simulate day/night conditions inside the chamber. Double walled with inside of Stainless Steel and outside of Mild Steel duly powder coated.

The Instrument having CFC free refrigeration with hermetically sealed compressor, controlled by Bulls-eye Micro- processor humidity & temp controller.

- Humidity range 40% to 90% RH with an accuracy of + -3%
- Menu driven 10 program memory
- User friendly Microprocessor Design/Operation (PID with LCD Display)
- Safety thermostat to prevent overheating.
- Audio Visual alarm warnings of Temp. & RH variation and low water level.
- Capacitance type humidity sensor for direct display of humidity in% RH.
- Centronics interface for keeping hard data of Temp., Humidity, Time & Date.
- Nonvolatile memory for data storage of up to 2500 records.
- RS 232 Inter-faze
- High Voltage safety cut off for unit Protection

Model No	Capacity	No of trays	Inner Dimension
ESG-1	170Ltr	6	500 x 425 x 800 mm
ESG -2	285Ltr	6	500 x 580 x 980 mm

OPTIONAL

- a) Chamber illumination with the help of 2 Fluor Lamps
- b) Sterilisation of work area with 2 U V Lamps (Manually operate)
- c) Cyclic timer 0-24 hours for regulating cyclic illumination
- d) Recorder for recording temp: & humidity (Circular) (ink / inkless)

Automatic Voltage Stabilizer for 2KVA

Automatic Voltage Stabilizer for 3KVA

NB: Non use of stabilizer will render the warranty of the equipment invalid



ELS Instruments

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