



## Seed Germinator



### Construction

This is double walled cabinet insulated with 75 mm by special insulation. Outer chamber made of mild steel and furnished in durable white enamel paint. The inner chamber made of anodized aluminium with shelf supports allowing wide range of shelf positions and spacing.

**Dimension of Inner Chamber :** Height 900mm x width 550mm x Depth 600mm  
Chamber has 14 trays. Chamber have full view acrylic door which allows inspections of sample without disturbing temp. of working chamber. Outer double walled metal door with lock and key. A push type switch for illumination lamp is provided in

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chamber of inspection of the samples during high condensation cabinet is mounted on castor wheels.

## **Water Reservoir For Humidity:**

Chamber has stainless steel water reservoir at the bottom and water is heated by low wattage immersion heater which assures to maintain. The humidity from 90 to 95% +/- 3% ( non- adjustable) and to be maintained at this level. Humidity shall be controlled by Micro processed temp. & RH controller temp. accuracy  $\pm 1$  °C & RH Accuracy  $\pm 5$  °C. water reservoir has constant water level arrangement with two no. brass nozzle, one for inlet and other for outlet and a brass drain plug is also provided.

## **Temperature**

Temp. in chambers is controlled by a Digital Indicator Cum Controller from in the variation of  $\pm 1$  C at any temp. between 5 to 60 deg,c at normal ambient temp. The cooling chamber is provided with a selected switch to operate the unit either above or below ambient temp. desired.

## **Cooling System:**

Chamber has cooling system by a heavy duty sealed compressor with all accessories and also fan cooled condensers are fitted at the bottom exactly below the working chamber. Copper cooling coil is fitted at the back of inside chamber.

## **Air Circulating:**

Chamber has separate air circulation by FH Motor with ample provision for an even distribution of air by a fan which assures uniformity of temperature throughout the chamber.

## **Control Panel:**

Control Panel is given at the top of chamber having ON-OFF switch three indicators for main, cooling and heating , volt meter . Digital Controller.

## **Optional Arrangements:**

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# Apex Industrial Electronics

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An ISO 9001:2015, ISO 13485: 2016

CE CERTIFIED



Inner chamber and shelf made of stainless steel. 304 can be supplied, instead of Anodized aluminum.

**We Are Also Manufacturing Dual Chamber Seed Germinator**

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