

Digital Laboratory Seed Germinator (Single Chamber)

Digital Laboratory Seed Germinator is a machine used for germination of different types of seeds in laboratories. These machines are specifically designed growth chambers that create artificial environment using temperature, humidity and light responsible for germination of seeds. These chambers play important role in crop productions.

About:

Our seed chambers are known for rugged heavy-duty construction. Inner chamber of each machine is made of thick sheet of stainless steel 304; while the exterior is made of GI sheet which is powder coated for corrosion resistance surface.

Each jointed is nicely molded and arc welded.



Specification

Of Digital Laboratory Seed Germinator (Single Chamber)



No. of chambers: Two (heating and cooling).

Inside chamber: Stainless steel grade 304.

Outside chamber: Painted mild steel of 20SWG.

No. of trays : Adjustable stainless steel wire mesh trays in each chamber.

Humidity: Humidity with compact Humidifier.

Temperature & Humidity sensor: Imported Hygro-clip for measurement of temperature & Humidity. Non-condensing type.

Temperature: 10°C-50°C±1°C.

Compressor: Hermetically sealed type of standard make. Kirloskar / Copeland make.


Evaporator: Finned tubes.

Control : Micro controller based Graphic LCD display with advanced features like, audio visual alarm, low water detection, automatic defrost, Data Storage and data logging through USP, Real Time clock, six profile programming for various temp., humidity and light settings to be run during different time slots in a day.

Operating voltage: 220V, 50Hz Ac±10%.

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