



An ISO 9001:2008 Certified Company

CREATING STANDARDS
WITH COMMITMENT TO QUALITY

SEED GERMINATOR (Dual Chamber Cooling System)

Double walled Chambers with interior walls made of Stainless steel. The exterior is made of heavy mild steel finished with powder coated. Both chamber have the facility to maintain the temperature from 5°C-to 50°C. Temperature in the chamber is controlled by 2 individual digital temperature controller cum indicator in variation of $\pm 1^\circ\text{C}$ or better. Each chamber has a stainless steel water tank with heating elements, low water cutoff device with alarm to create humidity. Humidity is controlled by digital humidity controller. Each chamber has 14 trays inside it. To work on 220/230 V, single phase AC supply.



+5°C to 60°C

Temp. Range in both chambers

$\pm 0.5^\circ\text{C}$

Temp. Accuracy

$\pm 1^\circ\text{C}$

Temp. Uniformity

220-230v 50Hz

Power

Sizes Available

SIZE AVAILABLE :

Each Chamber Size : (W x H x D) 555 x 910 x 605 mm

Technical Specifications

Temperature Controller	Microprocessor Based PID Controller
Temp Display	Digital
Humidity Range	Ambient+5% to 90% adjustable
Humidity Controller	Digital PID
Air Circulation	2 NOS Forced by 1/35hp Motor and Blower in each Chamber
Heating Element	Stainless Steel
MOC	Exterior: MS Powder Coated Interior: 304 Stainless Steel
Insulation	Glass Wool/Puff
Doors	Solid Doors with Gasket & Lock
Inner Door	Glass with Aluminum Frame
Shelves	14 No. of Steel Wire
Cooling System	Hermetically Sealed COPELAND /KIRLOSKAR Condensing unit/compressor
Illumination	By LED Tube
Control Panel	MCB, Main & Cooling, Heating Indicator, PID Temp Controller, Humidity Controller
Door Lock	Provided with Lock & Key
Optional	Outer Body of Stainless Steel 212/304 Illumination by 3 Nos. LED Tubes 0-24 Hrs Digital Timer Rs-232 Computer Interference Compatible to Computer with Software NABL Calibration of Digital Temp Controller



SHIVAM INSTRUMENTS

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