

SEED GERMINATOR



Description :-

Many area of plant research require the use of a controlled environment in this way, a plant's response to different conditions can be monitor a particular habitat imitated. Standard propagation techniques ca greatly speeded up using a growth cabinet as well as achieving a success rate. Where micro propagation is being used a growth caber essential for rooting the plantlets and adapting them to no conditions. This seed Germinator is ideal for all routine propagation and research applications.

With a solid see thru double walled door and a full view inner plexi door enables inspection and monitoring of inner chamber specimen without disturbing the process temperature. Excellent quality magnetic gum packing door gasket for external door User-oriented design of shelves makes you adjust each space of see without difficulty.

- Forced air circulation at triple walled back by durable coaxial blower maintains optimum temperature uniformity and homogeneity.
- Foamed-in-Place PUF insulation ensures thermal stability and reduces electrical energy-consumption.



SEED GERMINATOR



- Caster wheel mounted for easy portability.
- Door operated illumination lamp is fitted inside the chamber for easy visibility.
- Finned tube evaporator facilitates uniform and faster cooling effects.
- Safety Thermo state to prevent overheating. Fitted with Electronic Digital Voltmeter
- Exterior illumination with the help of fluorescent lamps/tubes acco for artificial daylight-conditions.

Technical specifications :-

CONSTRUCTION	EXTERNAL INTERNAL	EPOXY POWDER COATED PCRC SHEETS HIGH GRADE SS 304 STAINLESS STEEL
TEMPERATURE RANGE		5°C TO 60°C
TEMPERATURE SENSOR		PT-100
TEMPERATURE ACCURACY		+1°C
EVAPORATOR		FINNED TUBE EVAPORATOR FOR FASTER COOLING EFFECTS
TEMPERATURE CONTROLLER		MICROPROCESSOR BASED DIGITAL TEMPERATURE CONTROLLER
ILLUMINATION TUBES/LAMPS		EXTERIOR ILLUMINATION WITH FLUORESCENT TUBES / LAMPS
ILLUMINATION		2000 -3000 LUX
ILLUMINATION CONTROLLER		25%, 50%, 75% & 100% LIGHT



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REGISTERED OFFICE :-

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MANUFACTURING :-

PLOT NO. 360, IMT INDUSTRIAL ESTATE, SECTOR 68, FARIDABAD, HARYANA - 121004

SEED GERMINATOR



HUMIDITY CREATION	THROUGH SOPHISTICATED STEM INJECTION PROCESS
HUMIDITY RANGE	40-95% RH (AS PER GRAPH)
HUMIDITY ACCURACY	±5%RH
WATER RESERVOIR	15 L
WATER QUALITY	DISTILLED/IONIZED (CUSTOMER SIDE)
DOOR	INSULATED DOOR WITH GASKET AND LOCK
NOMINAL POWER	SINGLE CHAMBER-3KW, DUAL CHAMBER-6KW
NOMINAL VOLTAGE	230, 1~, 50/60HZ

STANDARD SIZE AND DIMENSION :-

Model	Chamber Dimensions (mm)	Chamber Volume (Liters & Cu. Ft.)
RDB/SG-120	450 X 450 X 500	110 (4 CU. FT.)
RDB/SG-171	505 X 415 X 830	171 (6 CU. FT.)
RDB/SG-280	570 X 550 X 900	280 (10 CU. FT.)
RDB/SG-340	650 X 580 X 900	340 (12 CU. FT.)

