

Seed Germinator

NSW-191 SEED GERMINATOR (DUAL CHAMBER) “SUPER DELUXE MODEL”

USES:

- Seed Testing
- Biological Studies
- Veterinary Science
- Forestry Research
- Pathology

CONSTRUCTION

- Insulation : 75 mm by PUFF
- Inner chamber made of anodized Aluminium.
- Outer chamber mild steel duly painted in epoxy powder coating.
- Each chamber has 14 trays. (Total 28 multi perforated Aluminium trays)
- Each tray size 430x480mm
- Both chamber have full view acrylic door
- Outer double walled metal door with lock and key for security.
- A push type switch for illumination lamp is provided in each chamber of inspection
- Each chamber has Stainless Steel 304 qty water reservoir (tank) at the bottom back side.
- Each water reservoir has constant water level arrangement.
- Control Panel is given at the top of chamber having ON-OFF switch three indicators for main cooling and heating, temp. Setting keypad, voltmeter and digital temp. controller cum indicator.



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TEMPERATURE:-

- Humidity shall be controlled by Microprocessed Digital temperature & RH controller. Temperature range from 5 to 60°C of $\pm 1^\circ\text{C}$ & RH Accuracy $\pm 5\%$.
- One chamber has heavy duty sealed compressor with all accessories
- Also with cooled condenser & Copper cooling coil
- In other chamber temp. can be maintained 5°C above ambient to 60°C .
- Each chamber has separate air circulation by FH Motor
- Inbuilt 3 step automatic voltage stabilizer. (Voltage range from 150V to 280V AC)
- Work on 220/230V AC, 50 Hz only.

DIMENSION OF EACH CHAMBER INSIDE MADE OF ALUMINIUM.

MODEL	SIZE (MM) (EACH CHAMBER)			LTRS	RATING
	W	D	H		
SGA-1	555	605	910	308	6 KW
SGA-2	555	605	910	308	6 KW

SGA-1 Seed Germinator with two sides lighting arrangement & two nos Timer with 0-24 hour time. Provided with temperature range 5°C to 60°C in one chamber & In the other chamber Temp. Range from few deg. above ambient temp to 60°C . Cost as mentioned above.

SGA-2 Specifications as above but provided with heating & cooling in both the chambers from 5°C . to 60°C instead of one for heating and another one for cooling with two sides lighting arrangement & two no's Timer with 0-24 hour time.

OPTIONAL:

- SGA-3 Interior chamber & shelves made of Stainless Steel 304 qty. both the chambers instead of anodized Aluminium shall cost Extra.
- Alarm: It is possible to provide electronic alarm if, temperature deviates more than $\pm 2^\circ\text{C}$. and RH $\pm 5\%$ to cost extra