

ISO 9001-2015,WHO, FDA,  
European CE Nortified &  
ISO-13485 Certified



**ALPHA<sup>R</sup>**  
SUDARSHAN

**CE**  
European CE  
Nortified



**ASE-104**

#### ASE-104 Seed Germinator (Single Chamber) ALPHA<sup>TM</sup>

Most suitable for conducting various experiments on a variety of seeds under different conditions of temperature and humidity. Atmospheric conditions are created within the chamber to perform different experiments without going onto the field. The double walled unit has inner chamber made up of anodised aluminium or S.S. and outer chamber of M.S. Sheet duly painted. Temperature from 5°C to 50°C + 1°C is controlled by EGO/JUMO German capillary type thermostat. Humidity (NOT ADJUSTABLE) is created in a S.S. water reservoir fitted at the bottom to provide 90% to 95% + 3% RH Humidity. Supplied complete with 14 adjustable perforated trays. Complete with cord and plug to work on 220/230V A.C. supply. Other changes will be done on request or as per user specification.

##### INSIDE CHAMBER SIZE (WXHXD)

(a) 600mm. x 920mm x 615mm.

ALUMINIUM

S.STEEL

##### OPTIONAL ACCESSORIES

- (a) Exterior lighting arrangement (on both sides)
- (b) Automatic timer (0-24 hours)
- (c) Humidity control arrangement from 55% to 95% + 3% RH, controlled by Humidistat. Humidity is created by latest MOTORESED HUMIDIFIER SYSTEM using SPLASH PLATE technology or through steam injection.
- (d) Electronic Digital Temperature Indicator-cum-Controller.
- (e) Dual Setting Digital Temperature Controller for setting two different temperatures for day and night.
- (f) Automatic Voltage Stabilizer 3 KVA.



#### ASE-105 Seed Germinator (Dual Chamber) ALPHA<sup>TM</sup>

Most suitable for conducting various experiments on a variety of seeds under different conditions are created within the chamber to perform different experiments without going onto the field. The double walled unit has inner chamber made up of anodised aluminium or stainless steel and outer chamber of M.S. sheet duly painted. Full view inner glass door permits inspection of specimens. Both compartments are provided with independent controls. Each chamber can accommodate 14 perforated trays of size 430x480 mm. each. Humidity (NOT ADJUSTABLE) is created in a S.S. water reservoir fitted at the bottom, in both chambers, to create 90% to 95% + 3% RH humidity. Each chamber is fitted with separate controls. Temperature of both the chambers is controlled separately by EGO/JUMO German hydraulic type thermostat. Other changes can be done on request or as per user demand. Other changes will be done on request or as per user specification.

##### INSIDE CHAMBER SIZE (LXBXH) (of each chamber)

600mm. x 920mm x 615mm.

ALUMINIUM

S.STEEL

- (a) One chamber can control temperature from ambient to 50°C + 1°C and the other chamber is fitted with I S I Marked SHRIRAM compressor so as to maintain temperature from 5°C to 50°C + 1°C in both chambers.

##### INSIDE CHAMBER SIZE (LXBXH) (of each chamber)

473mm. x 580mm x 880mm.

ALUMINIUM

S.STEEL

##### OPTIONAL ACCESSORIES

- (a) Interior illumination with 3 Nos. fluorescent tubes (for each chamber)
- (b) Exterior illumination with 3 Nos. fluorescent tubes (for each chamber)
- (c) Automatic 0-24 hour Timer to regulate cyclic illumination conditions (for each chamber)
- (d) Humidity control arrangement from 55% to 95% + 3% RH, controlled by humidistat.
- (e) Electronic Digital Temperature Indicator-cum-Controller (for each chamber).
- (f) Dual setting Digital Temperature Controller for setting two different temperatures for day and night (for each chamber).
- (g) Automatic Voltage Stabilizer 3 KVA (for each chamber).

**Manufactured By : SUDARSHAN CHEMICALS India 324007 0744-2362345, 09414188018**

**CE, ISO 9001:2015, WHO, FDA & ISO-13485 CERTIFIED**  
**With first prize awarded at Haroti Udyog Mela year 2003**