

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



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

**CE**  
European CE  
Nortified



**ASE-106**



**ASE-107**

**ASE-106 Humidity and Temperature Control Cabinet (Ageing Chamber) ALPHA<sup>TM</sup>**

Suitable for carrying out different quality control tests under controlled conditions of temperature and humidity. Inner chamber consists of anodised aluminium or stainless steel and outer wall of mild steel sheet duty painted. The gap of 75mm between the outer and inner wall is filled with special grade glass wool to prevent thermal losses. A self cooled air circulation fan is fitted to maintain uniform temperature and humidity conditions throughout the chamber. Heating elements of nicrome wire are placed in the air path and are duly insulated from the body. The inner chamber is ribbed for placement of shelves at desired heights. temperature range from 5°C to 50°C + 1°C. is fitted to the front panel. Shelves - 3 No., SS-304, Load Bearing Cap. 100 Kg. each. Humidity is achieved by generating steam by heating water in a stainless steel reservoir, by immersion heater and its subsequent condensation in the circulating air the humidity is controlled by imported HUMIDITAT from atmospheric humidity to 95% + 3% RH To work on 220/230V A.C.

**INSIDE CHAMBER SIZE (WXHXD)**

- (a) 455mm. x 710mm. x 455mm.
- (b) 605mm. x 605mm. x 605mm.
- (c) 605mm. x 910mm. x 605mm.

**ALIMINIUM**

**S.STEEL**

**OPTIONAL ACCESSORIES** (for "Alpha" make)

- (a) Hygrometer (Dial Type Humidity Indicator)
- (b) Electronic Digital Temperature
- (c) Electric Digital Temperature & Humidity Indicator-cum-Controller
- (d) Automatic Voltage Stabilizer (for "Alpha" make)
- (e) Two pin chart recorder for Temperature and Humidity.

**ASE-108 Carbon-Dioxide Incubator ALPHA<sup>TM</sup>**

Double walled with outer made up of M.S. sheet duly painted and inner of stainless steel. Space between the two walls is fitted with high grade glass wool to minimise thermal loss. Face lifting door has magnetically lined gasket and also has full view inner glass door. Temperature Indicator-cum-Controller. An inlet nozzle is provided to the unit for admission of CO<sub>2</sub> or air/CO<sub>2</sub> mixture, Individual regulators are provided on the panel for controlling air and CO<sub>2</sub> gas. While ordering for CO<sub>2</sub> cylinder (Optional) a mixture of 5% or 10% CO<sub>2</sub> gas and air can be provided, in order to avoid the mixing process seperately through inlet nozzels provided to the unit. Supplied complete with inlet/outlet for air/gas, cord and plugging to work on 220/230 volts A.C. supply.

Inner Chamber Size : 455x710x455mm. (WxHxD)

**OPTIONAL ACCESSORIES**

- (a) Air Compressor for above
- (b) Co<sub>2</sub> cylinder with regulator.
- (c) Automatic Voltage Stabilizer 3KVA

**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**