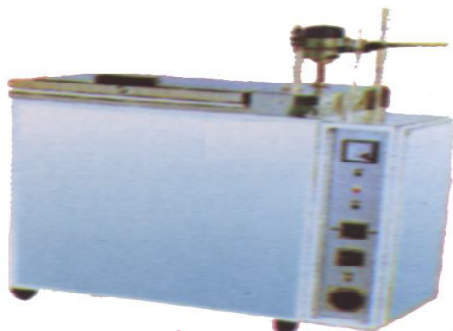


ISO 9001-2015, WHO, FDA,
European CE Nortified &
ISO-13485 Certified



ALPHA^R
SUDARSHAN

CE
European CE
Nortified



ASE-111



ASE-113

ASE-111 Refrigerated Water Bath (Low Temperature)

Mounted on a sturdy angle iron frame the inner chamber is made of thick stainless steel and outer of mild steel duly enamel painted. The cooling coils are soldered to the outer side of the inner S.S.304 sheet. Chamber in order to achieve perfect cooling effect. The gap between the inner and outer wall is fitted with high grade glass wool in order to prevent any loss of temperature. Fitted with ISI market SHRIRAM made compressor for effective cooling. Heating id brought about by immersion heating elements. Temperature range from -10°C to 100°C is controlled by mercury contact thermometer with an accuracy of + 0.02°C. A high speed stirrer is fitted to maintain temperature uniformity. The lid of the bath id insulated double walled, fixed with hinges and is provided with locking arrangement. Inner Chamber. **Other changes can be done on request or as per user specification.**

Size : 500x250x250mm.

OPTIONAL ACCESSORIES

- (a) F.H.P. pump for circulating the cooled liquid to external source e.g. in the condenser coil of soxhlet Apparatus etc.
- (b) Digital Temperature indicator-cum-Controller.
- (c) Automatic Voltage Stabilizer 3.0 KVA.

ASE-113 Orbital Shaking Incubator / Water Bath

Most useful for growing cultures of micro-organisms and tissue cells under controlled conditions of temperature and agitation. The platform containing samples is set into the circular motion in a horizontal plane, which ensures uniform mixing, minimises accretion of material on the sides of the flasks and provides good transfer of gas to the culture and avoids undue buffering of the organisms and cells.

The outer chamber is made up of M.S. Sheet duly painted and inner chamber glass wool to avoid thermal loss. The lid of chest type unit is fitted with flourescent range from 5°C to 60°C + 1°C. When the tube lights are ON temperature range is from 10°C to 50°C. Air Circulation fan is fitted to maintain temperature uniformity throught. Cyclic illumination conditions are controlled by an automatic timer (0-24 hrs.) fitted to the unit. Hermatically sealed compressor is fitted to the unit for efficient cooling. To week on 220/230 volts A.C. Supply. The shaker has variable speed and a platform containing 16 flasks of 500ml capacity is supplied with the unit as standard accessory. **Other changes can be done on request or as per user specification.**

OPTIONAL ACCESSORIES

- (a) Spare shaking platform to accomodate other capacity of flasks.
- (b) Automatic Voltage Stabilizer 4.0KVA.

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