

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



ALPHA^R
SUDARSHAN

CE
European CE
Nortified

ASE-160 Water Bath Incubator Shaker (Metabolic Shaking Incubator) ALPHATM

Useful for constant temperature as well as uniform shaking, for applications involving memometric measurements such as inoculation of tissue slides, homogenates, protein coagulation, aerobic studies in atmosphere of various gasses or gas mixtures. It is a double walled unit with inside made of thick stainless steel and outer of mild steel duly enamel painted water droplets on the specimens. The gap between the two walls is filled with high grade glass wool in order to prevent thermal losses. Heating is achieved through a immersion type heater and the temperature is controlled by hydraulic type thermostat with an accuracy of $\pm 0.5^{\circ}\text{C}$. The bath has an oscillating tray riding on rollers oscillated through a geared variable speed motor. Shaking speed range is between 40 to 140 cycles per minutes. The shaking tray can either hold test tubes or Erlenmeyer flasks of 25 ml or 50 ml or 100 ml or 250 ml 500 ml or 1000 ml, as ordered by the users. (Kindly maintain the capacity of the flasks while ordering). Supplied complete with one shaking tray, pyramidical cover, L-shaped thermostat cord and plug, to work on 220/230 volts A.C. Supply.



ASE-160

Available with heating arrangement only (having temperature range from ambient to 100°C) or with both heating and cooling arrangements (heaving temperature range from 5°C to 100°C). Cooling is brought by ISI marked SHRIRAM make compressor. Complete with long wire & three pin socket. **Other changes will be done on request or as per user specification..**

Available in following sizes :

With GERMAN Thermostat Temp. Ambient to 100°C Temp. 5° to 100°C

(a) 275x275x75mm.

(b) 275x275x150mm.

(c) 405x300x150mm.

OPTIONAL ACCESSORIES

- (a) Spare shaking tray or test tube be rack [for any part (a), (b) or (c)]
- (b) Digital Temperature Indicator-cum-Controller.



ASE-323(a)

ASE-323 Bacteriologiial Shaking Incubator "ALPHA" (Microprocessor Controlled) ALPHATM

Body made of thick stainless steel sheet (SS304 GRADE). Top lid is made up of transparent see through plexi glass. A variable speed upto 25 to 400 RPM rotary shaker platform is fitted with IMPORTED DC DRIVEN MOTOR for continuuus operation. ALL "ALPHA" unit are also fitted with MICROPROCESSOR DIGITAL RPM/ SPEED INDICATOR The shaking platform can accomodate 16 flasks of 250/500ml or 25 flasks of 100ml or 36 flasks of 50ml . is provided at the base of incubator so as to shake erlynmeyer flasks. Complete with Timer. The variable speed motor is fitted outside of the inner chamber, at the base.

The complete unit is mounted on a sturdy angle iron frame. Temperature is controlled by Microprocessor Based PID Digital Temperature Indicator - Cum- Controller from ambient to $70^{\circ}\pm 0.5^{\circ}\text{C}$. The unit is fitted with air circulation fan for Temperature uniformity. To work on 220/230 volts A.C. Supply.



ASE-323

Platform Size : 550 x 550 mm. (Cap. 200 ltrs.)

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

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With first prize awarded at Haroti Udyog Mela year 2003