

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



ALPHA^R
SUDARSHAN

CE
European CE
Nortified

ASE-101 Incubator (Low Temperature) **ALPHATM**

This is the most versatile low temperature indicator for Biochemical Oxygen Demand determinations. Castor wheel mounted cabinet is double walled with inner chamber of anodized aluminium or stainless steel and outer casing of M.S. Sheet duly white stoved enamel painted. The gap of 75 mm. between the outer and the inner wall is filled with blanket super grade glass wool to prevent thermal losses. Triple walled back of the unit is fitted with two air circulation system is provided by a F.H. Motor with a fans for maintaining temperature uniformly 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 three shelves at desired heights. Full view inner glass door permits inspection of specimens, without disturbing the same. Lock and key arrangement is provided in the double walled outer door with magnetic gasket. Unit is fitted with door operated illumination lamp inside the chamber. With Automatic Timer (0-24 hours) for regulating cyclic illumination conditions.

The temperature range from 5°C to 60°C ± 0.5°C is controlled by two EGO/JUMO German, double action hydraulic capillary thermostat. Refrigeration unit is formed by hermetically sealed ISI Marked SHRIRAM make compressor, and the cooling coils are distributed all round the chamber and lie in the air circulation path. An L-shaped prismatic thermometer is provided at the top on the front panel along with separate three indicator lamps for mains, heating and incoming voltage. Cabinet is mounted on castor wheels., cord and plug to work on 220/230V A.C. Supply. Unit is supplied with 2 K.V voltage stabilizer. **Other changes will be done on request or as per user specification..**



ASE-101

ASE-102 INCUBATOR (SUPER DELUXE AUTOMATIC DIGITAL MODEL) **ALPHATM**

Fitted with Electronic Digital Indicator-cum-Controller for Heating & Cooling. Castor wheel mounted cabinet is Triple walled with inner & Outer chamber of stainless steel between the outer and the inner wall is filled with super grade glass wool to prevent thermal losses. (Full view inner Plexi glass door) Temperature range + 5°-50°C. Temperature accuracy ±.05°C. CFC free compressor of ISI "KIRLOSKER". Triple wall. Long lasting Stainless steel tubular heaters with Air circulating fan for uniform temperature. Fitted with load indicator and safety. Thermostat take over indicator lamp. LED/LCD indicator. Unit is supplied with voltage stabilizer. With 3 shelves made of stainless Steel, door swing 65 cms. Lock and key arrangement. Safe and user friendly. **Other specification as per cat. No.ASE-101.Other changes will be done on request or as per user demand.**

Available in following sizes.

INSIDE CHAMBER SIZE (WXHXD)	CAPACITY	ALUMINIUM	S.STEEL
(a) 420mm. x 560mm. x 380mm.	3 cu.ft.		
(b) 500mm. x 840mm. x 410mm.	6 cu.ft.		
(c) 700mm. x 900mm. x 650mm.	10 cu.ft.		
(d) 620mm. x 1020mm. x 520mm.	12 cu.ft.		

OPTIONAL ACCESSORIES

- Interior illumination with 3 Nos. flourescent tubes of 60cm, length
(Note when the tubes are 'ON' temperature can be obtained from 10°C to 50°C)
- Automatic Timer (0-24 hours) for regulating cyclic illumination conditions.
- Arrangement for incubation of CO₂/Air mixture.
- Air Compressor for use with above.
- Shaking machine to be fitted inside the chamber.
- Humidity from 55% to 95% is controlled by Humidistat. Humidity is created by latest MOTORIZED HUMIDIFIER SYSTEM using SPLASH PLATE technology or day and night.
- Dual setting Digital Temperature Controller for setting two different temperature for day and night.
- Electronic Digital Temperature & Humidity Indicator-cum-Controller.
- Exterior illumination system with two tube lights on both sides.
- Automatic Voltage Stabilizer 3 KVA.
- Chart Type Temperature Recorder.
- Carbondioxide Cylinder



ASE-102

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

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With first prize awarded at Haroti Udyog Mela year 2003