

BOD INCUBATOR

SAN - 134

B.O.D. INCUBATORS

Low temp. Incubator for Biochemical Oxygen Demand Determination.

Double walled, inner made of Stainless Steel 304 quality, outer made of thick best quality Mild Steel the surface of which is primer coated for anti rusting and is duly white stoved powder coated paint. Insulation between inner and outer wall is done with 75mm thick glasswool to prevent any heat loss.

Inner chamber is provided with 2/3 nos. perforated stainless steel shelves with ribs to adjust the shelves at desirable height. Provided with double door, inner made of thick transparent full view glass and outer door is double walled metallic properly insulated with glass wool and also provided with best quality handle, gasket, lock etc. Provided with door operated illumination lamp. Whole unit is mounted on castor wheels.

Temp. Range is from 5°C to 60°C and is controlled by Electronically controlled by Digital temperature Indicator cum Controller with PT-100 sensor. This controller is provided with time delay relay to control the accuracy in maintaining the temperature. Temp. is maintained with an accuracy of $\pm 0.5^{\circ}\text{C}$.



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Cooling is done with ISI Mark compressor of KIRLOSKAR make which is connected to thick copper coils placed in the rear of the chamber through condenser, fan motor, capacitor, relay etc. Whole cooling unit is placed below the main chamber in a GI housing. CFC Free, Environment friendly.

Heating is done with ISI mark strip type heaters placed near the cooling coils. Air is circulated by 2-nos. ISI mark Silicon binded motors, which are connected to balanced blowers, which operates alternatively and continuously with heating and cooling. Provided with On/ Off switch, Indicators, Digital Controllers etc.



An ISO 9001:2015 CERTIFIED CO.



SANDEEP INSTRUMENTS & CHEMICALS



68-69, Pocket C-7, 3rd Floor,
Sec.-7, Rohini, Delhi-110085



Office : 8130700602
Tele Fax : 91-11-27040602



sanco_lab@hotmail.com
sanco_lab@yahoo.com



www.sancolabs.com

INCUBATOR UNIVERSAL

SIZE INSIDE CHAMBER (Height x Width x Depth)

610 mm x 455 mm x 410 mm	4 cu. ft.
830 mm x 505 mm x 515 mm	6.1 cu. ft.
875 mm x 570 mm x 550 mm	10 cu. ft.
900 mm x 600 mm x 600 mm	12 cu. ft.
900 mm x 700 mm x 650 mm	15 cu. ft.

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INCUBATOR (ELEMENTS ON THREE SIDES)

Double walled construction with inner chamber made of SS-304 and outer body made of MS with epoxy finish, Gap in between the walls is filled with good quality glass wool for proper insulation to avoid heat loss. Air ventilators on upper part of the sides. Door with double glass window, heavy hinge. Inner chamber is provided with three SS-304 trays. Ribs are provided at various height to adjust the shelves as per convenience. Air movement by motorized blower giving perfect incubation system. The circulating fan will be fitted in the ducts. Minimal Temperature variation, Operation through controller, Heating Element: High-grade wire covered with suitable material should be provided at the bottom and on sides. Temperature range is from ambient to 70°C and is indicated by L shaped thermometer with accuracy of $\pm 0.5^{\circ}\text{C}$. Complete with cord 2 Mtrs long and suitable plug. Work on 220/230 V A.C.,

SIZE INSIDE CHAMBER (WIDTH X DEPTH X HEIGHT)

300 mm x 300 mm x 300 mm
355 mm x 355 mm x 355 mm
455 mm x 455 mm x 455 mm
455 mm x 455 mm x 605 mm
605 mm x 605 mm x 605 mm
605 mm x 455 mm x 910 mm
605 mm x 605 mm x 910 mm



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OPTIONAL :

1. Digital temperature indicator cum controller with PT-100 sensor
2. Timer for above



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