

BOD Incubator

Description

Temperature Range	5 deg C to 60 deg C.
Frequency	50 Hz
Capacity range	90 - 450 L
Grade	304,316
Power Supply	230 Volts AC Single phase 50 Hz



Product Description

We are offering BOD Incubator to our clients.

Features:

Designed for Biochemical Oxygen Demand (B.O.D.) Determination and other application like preservation of vaccines, storage of sensitive cultures, microorganism, serum incubation etc.

Double walled construction with backside triple, having Stainless Steel - 304 grade Interior & Exterior CRCA Steel with Powder Coat finish.

Interior made of Stainless Steel – 316 grade and Exterior of Stainless Steel 304 grade matt finish in all GMP MODELS.

Castor wheels for easy movability.

Units are highly insulated by Glass Wool between the walls to minimize the heat exchange.

A key lockable Insulated door having magnetic gasket seals door gaps perfectly.

A transparent full-length Acrylic inner door is provided to have a clear inner view of the samples/specimens put in, without disturbing the Thermal Conditions inside the incubator.

Illumination lamp fitted for clear visibility.

Mechanical convection system (Motorized Blower) ensures even air distribution within the chamber.

Heating by long life 'U' type S.S. tubular heaters.

Cooling is done by CFC Free Hermetically sealed Emerson Copland make compressors utilizing R-134 A an eco-friendly refrigerant.

Adjustable & removable SS rod type shelves.

Temperature controlled by Dual Display Microprocessor based PID Temp. Controller with & PT – 100 sensor

Safety Features:

- A. The redundant high-temperature safety system automatically cuts-off power to heaters if the temperature exceeds 70° C.
- B. Inbuilt Overload protection relay for the compressor.
- C. Compressor ON delay timer, to safeguard the compressor.