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**Product Name :**  
Bacterial Growth Incubator 5oC to 80 oC

**Product Code :**  
LBNY-0001-800009



**Description :**

Bacterial Growth Incubator 5oC to 80 oC

**Technical Specification :**

Bacterial Growth Incubator (5oC to 80 oC)

Need to be suitable for incubation of different strain of microbial organisms, on different media plates, and also for conditioning of heat sensitive media and to provide an optimal, homogeneous, temperature uniformity and stability to ensure that protocols (pharmacopeia standards e.g. USP, BP, Ph. Eur) are fully reproducible

Technical Specifications:

Material of construction

Double walled construction with complete inner chamber made of corrosion resistant stainless steel

Outer chamber is of steel sheet finished with powder coated paint insulation to maintain desired temperature or with better design and construction

Inner glass door ( non fragile or durable)

Inner chamber is fabricated with ribs for adjusting shelves to convenient height and shelves to be supplied

Shelves is made of polished stainless steel sheet as per chamber

Set temperature range in °C

5°C up to +80°C

Temperature is thermostatically controlled

Temperature is thermostatically controlled with range 1

Temperature homogeneity between top and bottom shelves is maintained by forced circulation

Need to be equipped with data logger for continuous/regular temperature monitoring, with a print out

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Setting resolution temperature is 0.1 °C

Timer and control

Digital backwards counter with target time setting, adjustable from 1 minute to 99 days

Need to be equipped with data logger for both time and temperature reading with a print out

Function set point wait

The process time does not start until the set temperature is reached

Calibration

Works calibration certificate for 5 temperatures including: +37 °C, +52 °C, +70 °C

Standard works calibration certificate (measuring point chamber centre) at +37 °C"

Adjustable parameters

Temperature (Celsius or Fahrenheit), air flap position, program time, time zones, summertime/wintertime

Communication

Need to be supported with software for reading out, managing and organizing the data logger via Ethernet interface (temporary trial version can be downloaded). Need to be supported with USB stick software control and required accessories

Temperature control

adjustable electronic(thermostatic) over temperature monitor and mechanical temperature limiter to switch off the heating 20°C above nominal temperature

Door

Fully insulated stainless steel door design

Volume 200- 260 L with better design

Dimensions:

Width: 200 to 300 mm

Height: 500 to 700 mm

Depth 700 to 900 mm

Net Wet 100-150 kg

Operating Environment;

Temperature:+10 °C to + 32°C

Relative humidity : Not more than 85%

Altitude:- 2300-2400 meter

Utility requirement:

Voltage: 220VAC, + 10% , 50Hz.



**Laboratory Instrument India**