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Product Name :
Fungal Growth Incubator (5oC to 80oC)

Product Code :
LBNY-0001-800010



Description :

Fungal Growth Incubator (5oC to 80oC)

Technical Specification :

Fungal Growth Incubator (5oC to 80 oC)

It used for incubation of different strain of fungus, 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

General Features and Specifications:

Programmable microcomputer based PID controller

LCD display

Unique air duct circulation system ensures temperature uniformity

Mirror finished stainless steel inner chamber

Double door with magnetically sealed outer door

Inner chamber equipped with a lightning device for easier observation

Large capacity humidifier enables automatic water intake function

UV sterilization lamp ensures bacteria-free working chamber

Built-in socket and adjustable shelf

Touch-button operation with timer function

Fluorine-free R134a refrigerant

Equipped with compressor providing stable and long lasting operation

Balanced refrigeration, low temperature fluctuation, auto-defrost function

Multiple safety function, delay protection function

Over-temperature alarm function

Need to be suitable for incubation of different strain of fungus, 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 point 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

Setting resolution temperature :- 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

Suitable for regular external calibration at different selectable temperature values (5 points)

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- 250L with better design

Dimensions:

Width: 200 to 300 mm

Height: 500 to 700 mm

Depth 700 to 900 mm

Net Wet :- 150-150 kg

Temperature: +10 °C to + 32°C

Relative humidity : Not more than 85%

Altitude:- 2300-2400 meter

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

Laboratory Instrument India

