



FUNGAL GROWTH INCUBATOR BER-2301

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CONSTANT TEMPERATURE AND HUMIDITY INCUBATORS



1. Unique internal wind circulation structure design, breeze circulate fans make inner chamber temperature uniformity.
2. Large LCD display, multiple data display at the same time, 30-stage program control, round move , ladder operating, with function of loop self-diagnose and sensor fault alarm.
3. Intelligent PID temperature control system, high precise temperature control PT100 sensor equipped, high precise and stability import humidity sensor component to control humidity automatically.
4. Double door structure, with high quality stalinite to observe samples , outer door with magnetic strip, convenient to on and off, good sealing.
5. Intelligent defrosting function ensure device long-time run without frost.

SPECIFICATIONS

Model	BER-2301
Cycle Mode	Forced Convection
Function	
--Temp. Range	No humidification: 0 - 65°C; humidification: 10 - 60°C
--Temp. Resolution Ratio	0.1°C
--Temp. Motion	High Temp: ±0.5°C, Low Temp: ±1°C
--Temp. Uniformity	±1°C
--Humidity Range	45% ~ 95%RH
--Humidity Stability	±5%RH
Structure	
--Inner Chamber	Mirror Stainless Steel
--Outer Shell	Cold rolling steel electrostatic spraying exterior
--Insulation Layer	Polyurethane
--Heater	Stainless steel heater
--Power Rating	1.8kW
--Compressor	Air cooled hermetic compressor
--Cryogen	R134a
--Defrost Structure	Automatic control intelligent defrosting
--Humidifying Method	Internal
--Test Hole	Plastic test hole Φ 43mm
--Controlled External Power Supply	Universal socket (one)
--Temp. Setting Mode	Touch button setting
--Temp. Display Mode	Measuring temperature: LCD upper row; Setting temperature: LCD lower row
--Humidity Control Mode	AUTO
--Timer	0-99.9h*30Segment (with timing wait function)
--Operation Function	Timing function, Auto stop, Program operation
--Sensor	PT100
--Humidity Sensor	High precision anti-condensation
--Additional Function	LED light, deviation correction, Menu key lock, Power failure parameter memory loop self diagnosis

Safety Device	Over temp alarm, Over humidity alarm, Water shortage alarm
Specification	
--Inner Chamber Size (W*L*H)(mm)	415*350*500
--Exterior Size (W*L*H)(mm)	571*591*1051
--Packing Size (W*L*H)(mm)	680*676*1235
--Volume	70L
--Load Per Rack	15kg
--Max. Shelf Number	5
--Shelf Space	60mm
--Supply (50/60Hz) Current Rating	AC220V/8.2A
--NW/GW (kg)	69/92
Accessory	
--Shelf	2
Optional Accessories	Spare shelf, USB Interface and software, printer, Recorder, remote control, U-disk storage
Alt Name	Constant Temperature and Humidity Incubators



FEATURES

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3. Intelligent PID temperature control system, high precise temperature control PT100 sensor equipped, high precise and stability import humidity sensor component to control humidity automatically.
4. Double door structure, with high quality stalinite to observe samples , outer door with magnetic strip, convenient to on and off, good sealing.
5. Intelligent defrosting function ensure device long-time run without frost.
6. Inner humidifying system with small particles , good humidity uniformity, low water consumption and function of alarm when there is short of water.

APPLICATIONS

Constant temperature experiments and environmental tests for humidity range.



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