



FUNGAL GROWTH INCUBATOR BER-2201

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MOULD CULTIVATION CABINET



1. Unique internal wind circulation structure design, breeze circulate fans make inner chamber temperature uniformity.
2. LCD display 30-stage program control , round move , ladder operating, intelligent PID temperature control system, high precise temperature control PT100 sensor equipped, high precise and stability import humidity sensor component to control humidity automatically.
3. Double door structure, with high quality stalinite to observe samples , outer door with magnetic strip, convenient to on and off, good sealing.
4. Intelligent defrosting function ensure device long-time run without frost.
5. Inner humidifying system with small particles , good humidity uniformity, low

SPECIFICATIONS

Model	BER-2201
Cycle Mode	Forced Convection
Function	
--Temp. Range	No humidification: 0 - 65°C, humidification: 10 - 65°C
--Temp. Resolution Ratio	0.1°C
--Temp. Motion	High Temp: $\pm 0.5^{\circ}\text{C}$, Low Temp: $\pm 1^{\circ}\text{C}$
--Temp. Uniformity	$\pm 1^{\circ}\text{C}$
--Humidity range	45% ~ 95%RH
--Humidity Stability	$\pm 5\%\text{RH}$
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	External
--Test Hole	Plastic test hole $\Phi 43\text{mm}$
--Sterilizing lamp	Standard ozone-free type
--Controlled External Power Supply	Universal socket (one)
--Temp. Control Mode	30 Segment LCD program
--Temp. Setting Mode	Touch button setting
--Temp. Display Mode	Measuring temperature: LCD upper row; Setting temperature: the lower row
--Humidity control mode	AUTO
--Timer	0-99.9h*30Segment (with timing wait function)
--Operation Function	Fixed value operation, timing function, auto stop, Program operation
--Sensor	PT100
--Humidity sensor	High precision anti-condensation

--Additional Function	Deviation correction, Menu key lock, Power failure parameter memory, additional character: UV light, loop self diagnosis
Safety Device	Over temperature 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
--Shelf Number	5
--Shelf Space	35mm
--Power Supply Current Rating	AC220V/8.2A
--NW/GW (kg)	69/92
Accessory	
--Shelf	2
--Shelf Frame	4
Optional Accessories	Spare shelf, Touch screen controller, RS485 interface USB interface and software, Printer, Recorder, Remote Control, U-disk storage
Alt Name	Mould Cultivation Cabinet



FEATURES

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5. 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 the need for humidity.



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