



## CLIMATIC CHAMBER BER-2401

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CLIMATE CHAMBER WITH ILLUMINATION



1. Double door structure, with high quality stalinite to observe sample.
2. 7.0 inch true color touch screen display, convenient to view historical temperature data and Appointment auto start and stop.
3. Full spectrum 0-30000LX adjustable multiple levels, 30 sections programmed Temp. LUX and time controller.
4. Full spectrum LED top light source design, high illumination, low thermal radiation, long service life, removable Light partition, adjustable layer space.
5. The evaporator temperature is collectively controlled by the backflow valve and expansion

## SPECIFICATIONS

Model	BER-2401
Cycle Mode	Forced convection, Rear micropore. Supply air in front of the plate
Function	
--Temp. Range	Without illumination: 5 - 65°C; With illumination: 10 - 65°C
--Temp. Resolution Ratio	0.1°C
--Temp. Motion	±0.5°C
--Temp. Uniformity	±1.0°C
--Illumination (LX)	Full spectrum 0-30000LX many degrees for adjusting
Structure	
--Inner Chamber	SUS304 stainless steel sheet
--Outer Shell	Cold rolling steel electrostatic spraying exterior
--Thermal Insulation Material	Polyurethane
--Light Barrier	Standard four-layer full spectrum LED lamp board
--Heater	Stainless steel heating tube
--Power Rating	2.0kW
--Compressor	Imported air-cooled sealed compressor
--Coolant	R134a
--Defrosting Structure	Automatic
--Leading Wire Hole	The outer diameter of standard inflation port interface is 10mm
Controller	
--Temp. Control Mode	30 segment program
--Temp. Setting Mode	Touch screen settings
--Temp. Display Mode	7.0 inch true color touch screen display
--Operation Function	Fixed temperature operation, timing function, auto stop, Appointment start, Program Operature
--Program Pattern	Standard configuration
--Sensor	PT100
--Additional Function	Make an appointment to switch on and off, query the historical temperature data curve, store and export the U disk data, correct deviation, lock the menu key, power failure compensation, power failure memory, circuit self-diagnosis and intelligent defrosting
Safety Device	Over temperature will automatically cut off the heating, long-term under temperature cut off the refrigeration system, protect the sample; loop self-diagnosis

Specification	
--Inner Chamber Size (W*L*H)(mm)	600*500*840
--Exterior Size (W*L*H)(mm)	794*726*1600
--Packing Size (W*L*H)(mm)	893*863*1850
--Volume	250L
--Load Per Rack	15kg
--Shelf Space	120mm
--Supply (50/60Hz) Current Rating	AC220V/4.5A
--NW/GW (kg)	220/250
Accessory	
--Shelf	4
--Shelf Plate	8
Optional Accessories	Light barrier, USB interface and upper computer software, printer, wireless SMS alarm, CO2 concentration control
Alt Name	Climate Chamber With Illumination

## FEATURES

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2. 7.0 inch true color touch screen display, convenient to view historical temperature data and Appointment auto start and stop.
3. Full spectrum 0-30000LX adjustable multiple levels, 30 sections programmed Temp. LUX and time controller.
4. Full spectrum LED top light source design, high illumination, low thermal radiation, long service life, removable Light partition, adjustable layer space.
5. The evaporator temperature is collectively controlled by the backflow valve and expansion valve, greatly prolonging the service life of the compressor.
6. High precision digital independent temperature controller.
7. Imported high quality temperature sensor and compressor.

## APPLICATIONS

Light culture of microorganism, cell tissue, seedling, insect and small animal.



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