



BOD INCUBATOR

BOD INCUBATOR BER1V1 TO BER1V6

COOLING INCUBATOR/REFRIGERATED INCUBATOR/ BOD INCUBATOR



1. Unique internal wind circulation structure design, breeze circulate fan make inner chamber temperature uniformity.
 2. Double door seal; tempered glass silicon rubber seal inner door and magnetic rubber seal outer door, which are convenient to on/off; inner chamber with light for convenient observation. .
 3. Intelligent defrosting function ensure device long-time run without frost.
 4. Fluoride-free refrigeration and gentle breeze circulation.
 5. Test hole of $\Phi 52\text{mm}$ at left side of container.
- BX model additional characteristics:
1. LCD scree 30-stage program controller,round move,ladder operating.
 2. Sensor failure alarm

SPECIFICATIONS

Model	BER1V1	BER1V2	BER1V3
Cycle Mode	Forced Convection		
Function			
--Temp. Range	0-65°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	$\pm 1.5^\circ\text{C}$		
Structure			
--Inner Chamber	Mirror Stainless Steel		
--Outer Shell	Cold rolling steel electrostatic spraying exterior		
--Insulation Layer	Polyurethane		
--Heater	Stainless steel heater		
--Power Rating	0.8kW	1.0kW	1.2kW
--Compressor	Air cooled hermetic compressor		
--Cryogen	R134a		
--Defrost Structure	Automatic control intelligent defrosting		
--Test Hole	Inner diameter 43mm (one)		
--Controlled External Power Supply	Outer universal socket (one), inner waterproof socket (one)		
--Temp. Control Mode	single-stage LCD Intelligent PID		
--Temp. Setting Mode	Touch button setting		
--Temp. Display Mode	Measuring temperature: LCD upper row; Setting temperature: LCD lower row		
--Timer	0-99.9h		
--Operation Function	fixed value operation, timing function, auto stop		
--Sensor	PT100		
--Additional Function	LED light, Deviation correction, Menu key lock, Power failure parameter memory		
Safety Device	Over temperature alarm		
Specification			
--Inner Chamber Size (W*L*H)(mm)	415*350*500	490*400*750	500*515*950
--Exterior Size (W*L*H)(mm)	571*591*1051	646*641*1301	656*741*1501
--Packing Size (W*L*H)(mm)	680*676*1235	751*730*1490	761*830*1690

--Volume	70L	150L	250L
--Load Per Rack	15kg		
--Shelf Number	5	9	12
--Shelf Space	60mm		
--Power Supply Current Rating	AC220V/2.3A	AC220V/3.6A	AC220V/5.5A
--NW/GW (kg)	69/92	86/114	100/139
Accessory			
--Shelf	2		
--Shelf Frame	4		
Optional Accessories	Shelf, RS485 port, printer, recorder, Remote Control, wireless messaging alarm, U-Disk data storage		
Alt Name	Cooling Incubator/Refrigerated Incubator/ Bod Incubator		
Model	BER1V4	BER1V5	BER1V6
Cycle Mode	Forced Convection		
Function			
--Temp. Range	0-65℃		
--Temp. Resolution Ratio	0.1℃		
--Temp. Motion	High Temp: ±0.5℃, Low Temp: ±1℃		
--Temp. Uniformity	±1.5℃		
Structure			
--Inner Chamber	Mirror Stainless Steel		
--Outer Shell	Cold rolling steel electrostatic spraying exterior		
--Insulation Layer	Polyurethane		
--Heater	Stainless steel heater		
--Power Rating	0.8kW	1.0kW	1.2kW
--Compressor	Air cooled hermetic compressor		
--Cryogen	R134a		
--Defrost Structure	Automatic control intelligent defrosting		
--Test Hole	Inner diameter 43mm (one)		
--Controlled External Power Supply	Outer universal socket (one), inner waterproof socket (one)		
--Temp. Control Mode	30-stage LCD program		
--Temp. Setting Mode	Touch button setting		
--Temp. Display Mode	Measuring temperature: LCD upper row; Setting temperature: LCD lower row		
--Timer	0-99.9h*30 segment (with timing wait function)		
--Operation Function	Program operation		
--Sensor	PT100		
--Additional Function	Loop self-diagnosis, sensor fault alarm		
Safety Device	Over temperature alarm		
Specification			
--Inner Chamber Size (W*L*H)(mm)	415*350*500	490*400*750	500*515*950
--Exterior Size (W*L*H)(mm)	571*591*1051	646*641*1301	656*741*1501
--Packing Size (W*L*H)(mm)	680*676*1235	751*730*1490	761*830*1690
--Volume	70L	150L	250L
--Load Per Rack	15kg		
--Shelf Number	5	9	12
--Shelf Space	60mm		
--Power Supply Current Rating	AC220V/2.3A	AC220V/3.6A	AC220V/5.5A
--NW/GW (kg)	69/92	86/114	100/139

Accessory	
--Shelf	2
--Shelf Frame	4
Optional Accessories	Shelf, RS485 port, printer, recorder, Remote Control, wireless messaging alarm, U-Disk data storage
Alt Name	Cooling Incubator/Refrigerated Incubator/ Bod Incubator



APPLICATIONS

Various constant temperature experiments and environmental tests at 0~65C, water analysis, microbe culture of BOD / bacteria, plant breeding, and sample preservation.

BOD INCUBATOR BEV1Q5 TO BEV1Q8

BIOCHEMICAL (MOLD) INCUBATOR



The refrigeration system adopts high-quality well-known brand compressors with time-delay protection function and stable operation. It introduces the concept of green environmental protection and uses environmentally friendly refrigerant to make the system more energy-saving and efficient and make the environment healthier;

Reasonable air duct circulation system to ensure uniform temperature of the working room.

mirror stainless steel interior,shelf spacing and shelf number can be adjusted,BOD socket is inbuilt

Intelligent microcomputer PID LED control, touch type parameter setting button, Balanced dual system control heating and cooling, without temperature surge. with timing and over temperature alarm functions.

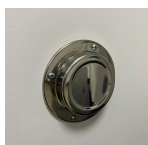
SPECIFICATIONS

Model	BEV1Q5	BEV1Q6	BEV1Q7	BEV1Q8
Old Model	BIBD-101	BIBD-102	BIBD-103	BIBD-104
Inner size (mm) (HxWxD)	500x400x320	580x450x380	800x500x380	1000x550x450
Interior Volume (L)	70	100	150	250
Overall dimension (mm) (HxWxD)	1020x540x570	1100x590x620	1350x640x660	1550x690x660
Power (KW)	0.35		0.45	0.7
Temp range (°C)	0~65			
Temp. Accuracy (°C)	±0.1			
Temp. Fluctuation (°C)	±0.5%			

H: 0~90℃ 1. The low-temperature will be delivered 10 days after the order is placed.2. Each layer of board can bear a maximum weight of 20KG Caution: Before purchasing the model 250, it is necessary to measure the dimensions of the door and elevator to avoid the chamber being too large to enter.	
Alt Name	Biochemical (Mold) Incubator

ACCESSORIES FOR PURCHASE

No	Name
1	programmable controller
2	test hole
3	shaker
4	Stainless steel perforated layer plate



2

FEATURES

The refrigeration system adopts high-quality well-known brand compressors with time-delay protection function and stable operation. It introduces the concept of green environmental protection and uses environmentally friendly refrigerant to make the system more energy-saving and efficient and make the environment healthier;

Reasonable air duct circulation system to ensure uniform temperature of the working room.

mirror stainless steel interior, shelf spacing and shelf number can be adjusted, BOD socket is inbuilt

Intelligent microcomputer PID LED control, touch type parameter setting button, Balanced dual system control heating and cooling, without temperature surge. with timing and over temperature alarm functions.

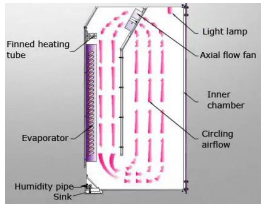
With a large viewing angle observation window, the inner tank is equipped with a lighting device to facilitate observation.

The temperature range can reach 90 °C, and high-temperature sterilization can be carried out after each experiment to reduce cross infection.

There is a drainage channel at the bottom of the inner tank, which effectively collects condensed water generated by long-term operation.



Stainless steel liner



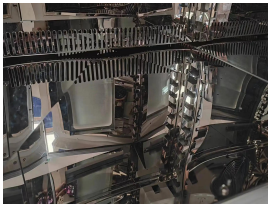
Perfect air current cycling



Without fluorine R134a refrigeration compressor



Lighting system and BOD socket



Design with drainage groove in the inner

APPLICATIONS

For environmental protection, medical, drug testing, health and epidemic prevention, livestock, aquaculture and other scientific research and production departments. A special constant temperature equipment for the analysis of the BOD determination of water, bacteria, biochemical, microbiological culture protection, plant cultivation, breeding.

BOD INCUBATOR BER1T1 TO BER1T6

PRECISION COOLING INCUBATOR/BOD INCUBATOR REFRIGERATED INCUBATOR



1. Unique internal wind circulation structure design, fan breeze circulation.
2. The double door structure, with high quality glass easy to observe the samples, the outer door with magnetic strip, good sealing.
3. Colour LCD display and 30-stage program temperature control, double evaporators and automatic control intelligent defrosting to ensure long-term operating without defrost. standard independent temperature limiter, double protection for test safety.

BL model additional characteristics:

1. 5.0 inch touch display 30-stage program control, round move, ladder operating.
2. Sensor failure alarm, temperature curve, U-disk data storage, auto start.
3. UV Lamp

SPECIFICATIONS

Model	BER1T1	BER1T2	BER1T3
Cycle Mode	Forced Convection		
Function			
--Temp. Range	0~65°C		
--Temp. Resolution Ratio	0.1°C		
--Temp. Motion	High Temp.: ± 0.5°C Low Temp.: ± 1°C		
--Temp. Uniformity	± 1°C		
Structure			
--Inner Chamber	Mirror Stainless Steel		
--Outer Shell	Cold rolling steel electrostatic spraying exterior		
--Insulation Layer	Polyurethane		
--Heater	Stainless steel heating tube		
--Power Rating	0.8kW	1.0kW	1.2kW
--Compressor	Air cooled hermetic compressor		
--Cryogen	R134a		
--Defrost Structure	Double evaporator switching defrosting		
--Test Hole	43mm		
--Controlled External Power Supply	Universal socket (one) Built in waterproof socket (one)		
--Temp. Control Mode	Color screen LCD program		
--Temp. Setting Mode	Touch button setting or Touch screen type		
--Temp. Display Mode	Measuring temperature: LCD upper screen; setting temperature: LCD lower row		
--Timer	0~99.9h*30Segment		
--Operation Function	Program operation		
--Sensor	PT100		
--Additional Function	BIV model: LED light, Deviation correction, Menu key lock, Power failure parameter memory		
Safety Device	Over temperature alarm, digital temperature limiter		
Specification			
--Inner Chamber Size (W*L*H)(mm)	420*350*500	500*500*600	600*500*840
--Exterior Size (W*L*H)(mm)	580*610*1190	660*760*1290	760*760*1530
--Packing Size (W*L*H)(mm)	706*698*1358	856*778*1458	878*865*1698
--Volume	70L	150L	250L

--Load Per Rack	15kg		
--Shelf Number	9	12	18
--Shelf Space	35mm		
--Power Supply Current Rating	AC220V/2.3A	AC220V/3.6A	AC220V/5.5A
--NW/GW (kg)	69/92	86/114	100/139
Accessory			
--Shelf	2		
Optional Accessories	Spare shelf, RS485 interface, printer, Program controller, remote control, U-disk storage		
Alt Name	Precision Cooling Incubator/BOD Incubator Refrigerated Incubator		

Model	BER1T4	BER1T5	BER1T6
Cycle Mode	Forced Convection		
Function			
--Temp. Range	0~65°C		
--Temp. Resolution Ratio	0.1°C		
--Temp. Motion	High Temp.: ± 0.5°C Low Temp.: ± 1°C		
--Temp. Uniformity	± 1°C		
Structure			
--Inner Chamber	Mirror Stainless Steel		
--Outer Shell	Cold rolling steel electrostatic spraying exterior		
--Insulation Layer	Polyurethane		
--Heater	Stainless steel heating tube		
--Power Rating	0.8kW	1.0kW	1.2kW
--Compressor	Air cooled hermetic compressor		
--Cryogen	R134a		
--Defrost Structure	Double evaporator switching defrosting		
--Test Hole	43mm		
--Controlled External Power Supply	Universal socket (one) Built in waterproof socket (one)		
--Temp. Control Mode	5.0 inch touch screen		
--Temp. Setting Mode	Touch button setting or Touch screen type		
--Temp. Display Mode	Measuring temperature: LCD upper screen; setting temperature: LCD lower row		
--Timer	0~99.9h*30Segment		
--Operation Function	Program operation		
--Sensor	PT100		
--Additional Function	BL model additional character: loop self diagnosis		
Safety Device	Over temperature alarm, digital temperature limiter		
Specification			
--Inner Chamber Size (W*L*H)(mm)	420*350*500	500*500*600	600*500*840
--Exterior Size (W*L*H)(mm)	580*610*1190	660*760*1290	760*760*1530
--Packing Size (W*L*H)(mm)	706*698*1358	856*778*1458	878*865*1698
--Volume	70L	150L	250L
--Load Per Rack	15kg		
--Shelf Number	9	12	18
--Shelf Space	35mm		
--Power Supply Current Rating	AC220V/2.3A	AC220V/3.6A	AC220V/5.5A
--NW/GW (kg)	69/92	86/114	100/139
Accessory			
--Shelf	2		

Optional Accessories	Spare shelf, RS485 interface, printer, Program controller, remote control, U-disk storage
Alt Name	Precision Cooling Incubator/BOD Incubator Refrigerated Incubator



APPLICATIONS

Various constant temperature experiments and environmental tests, water analysis, microbe culture of BOD / bacteria, plant breeding, and sample preservation.

BOD INCUBATOR BER1U1 TO BER1U6

-10°C COOLING INCUBATOR / BOD INCUBATOR REFRIGERATED INCUBATOR



1. Unique internal wind circulation structure design, fan breeze circulation.
 2. The double door structure, with high quality glass easy to observe the samples, the outer door with magnetic strip, good sealing.
 3. Colour LCD display and 30-stage program temperature control, double evaporators and automatic control intelligent defrosting to ensure long-term operating without defrost. standard independent temperature limiter, double protection for test safety.
- BLT model additional characteristics:
1. 5.0 inch touch display 30-stage program control , round move , ladder operating.
 2. Sensor failure alarm, temperature curve, U-disk data storage, auto start.
 3. UV Lamp

SPECIFICATIONS

Model	BER1U1	BER1U2	BER1U3
Cycle Mode	Forced convection		
Function			
--Temp. Range	-10~65°C		
--Temp. Resolution Ratio	0.1°C		
--Temp. Motion	High Temp.: ±0.5°C, Low Temp.: ±1°C		
--Temp. Uniformity	±1°C		
Structure			
--Inner Chamber	Mirror Stainless Steel		
--Outer Shell	Cold rolling steel electrostatic spraying exterior		
--Insulation Layer	Polyurethane		
--Heater	Stainless steel heating tube		
--Power Rating	0.8kW	1.0kW	1.2kW
--Compressor	Air cooled hermetic compressor		
--Cryogen	R134a		
--Defrost Structure	Double evaporator switching defrosting		

--Test Hole	43mm		
--Controlled External Power Supply	Universal socket (one) Built in waterproof socket (one)		
--Temp. Control Mode	Color screen LCD program		
--Temp. Setting Mode	Touch button setting or Touch screen type		
--Temp. Display Mode	Measuring temperature: LCD upper screen; setting temperature: LCD lower row		
--Timer	0-99.9h*30Segment		
--Operation Function	Program operation		
--Sensor	PT100		
--Additional Function	BV model: LED light, Deviation correction, Menu key lock, Power failure parameter memory		
Safety Device	Over temperature alarm, digital temperature limiter		
Specification			
--Inner Chamber Size (W*L*H)(mm)	420*350*500	500*500*600	600*500*840
--Exterior Size (W*L*H)(mm)	580*610*1190	660*760*1290	760*760*1530
--Packing Size (W*L*H)(mm)	706*698*1358	856*778*1458	878*865*1698
--Volume	70L	150L	250L
--Load Per Rack	15kg		
--Shelf Number	9	12	18
--Shelf Space	35mm		
--Power Supply Current Rating	AC220V/2.3A	AC220V/3.6A	AC220V/5.2A
--NW/GW (kg)	69/92	100/139	
Accessory			
--Shelf	2		
--Shelf Frame	4		
Optional Accessories	Spare shelf, RS485 interface, printer,remote control, U- disk storage		
Alt Name	-10℃ Cooling Incubator / BOD Incubator Refrigerated Incubator		

Model	BER1U4	BER1U5	BER1U6
Cycle Mode	Forced convection		
Function			
--Temp. Range	-10~65℃		
--Temp. Resolution Ratio	0.1℃		
--Temp. Motion	High Temp.: ±0.5℃, Low Temp.: ±1℃		
--Temp. Uniformity	±1℃		
Structure			
--Inner Chamber	Mirror Stainless Steel		
--Outer Shell	Cold rolling steel electrostatic spraying exterior		
--Insulation Layer	Polyurethane		
--Heater	Stainless steel heating tube		
--Power Rating	0.8kW	1.0kW	1.2kW
--Compressor	Air cooled hermetic compressor		
--Cryogen	R134a		
--Defrost Structure	Double evaporator switching defrosting		
--Test Hole	43mm		
--Controlled External Power Supply	Universal socket (one) Built in waterproof socket (one)		
--Temp. Control Mode	5.0 inch touch screen		
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--Temp. Display Mode	Measuring temperature: LCD upper screen; setting temperature: LCD lower row		
--Timer	0-99.9h*30Segment		

--Operation Function	Program operation		
--Sensor	PT100		
--Additional Function	BLT model additional character: loop self diagnosis		
Safety Device	Over temperature alarm, digital temperature limiter		
Specification			
--Inner Chamber Size (W*L*H)(mm)	420*350*500	500*500*600	600*500*840
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--NW/GW (kg)	69/92	100/139	
Accessory			
--Shelf	2		
--Shelf Frame	4		
Optional Accessories	Spare shelf, RS485 interface, printer,remote control, U- disk storage		
Alt Name	-10℃ Cooling Incubator / BOD Incubator Refrigerated Incubator		



APPLICATIONS

Various constant temperature experiments and environmental tests, water analysis, microbe culture of BOD / bacteria, plant breeding, and sample preservation.



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