



DRYING OVEN

DRYING OVEN BER1CY1 BER1CY2

HORIZONTAL TYPE DRYING OVEN AND INCUBATOR



Drying Oven BER1CY1

Drying oven

1. The thermostat adopts intelligent fuzzy PID control, which has smaller temperature overshoot and faster stability time compared with the traditional PID control.
2. It has the function of reservation operation, the function of Fahrenheit and Celsius switching, and the function of three-point temperature correction.
3. Can be stacked, can also be hung on the wall to improve space utilization.
4. Left fan horizontal air circulation, good temperature uniformity, touch bead door lock, easy to open and close.

Drying or culture of small samples

SPECIFICATIONS

Model	BER1CY1	BER1CY2
Function		
--Cycle Mode	Forced convection	
--Temp Range	RT+10-250°C	RT+5-65°C
--Temp Resolution	0.1°C	
--Temp Fluctuation	±1°C	±0.5°C
--Temp Uniformity	±2.5%	
Structure		
--Inner Chamber	High quality stainless steel plate	
--Outer Shell	Cold rolling steel electrostatic spraying exterior	
--Insulation Layer	High quality rock wool board(with CE)	
--Heater	Stainless steel heater	
--Power Rating	0.7kW	0.2kW
--Exhaust Hole	Φ32mm top (with function of test hole)	
Controller		
--Temp Control Mode	Dual-temperature fuzzy PID	
--Temp Setting Mode	Touch button setting	
--Temp Display Mode	LED Display	
--Timer	0-9999min(with timing wait function)	
--Operation Function	Fixed temperature operation, timing function, auto stop	
--Additional Function	Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory	
--Sensor	pt100	
Safety Device	Over temperature sound-light alarm	
Specification		
--Inner chamber Size(W*L*H mm)-	300*320*270	
--Exterior Size(W*L*H mm)	600*500*482	
--Packing Size(W*L*H mm)	730*630*612	
--Volume	25L	
--Shelf Number	9	
--Load Per Rack	15kg	
--Shelf Space	25mm	
--Current Rating(50/60HZ)	AC220V/0.9A	AC220V/3.2A

--NW/GW(kg)	15/20	
Accessory		
--Shelf	2	
--Shelf Frame	4	
Optional Accessories	Shelves	
Alt Name	Horizontal Type Drying Oven	Horizontal Type Incubator

FEATURES BER1CY1

Drying oven

1. The thermostat adopts intelligent fuzzy PID control, which has smaller temperature overshoot and faster stability time compared with the traditional PID control.
2. It has the function of reservation operation, the function of Fahrenheit and Celsius switching, and the function of three-point temperature correction.
3. Can be stacked, can also be hung on the wall to improve space utilization.
4. Left fan horizontal air circulation, good temperature uniformity, touch bead door lock, easy to open and close.

Drying or culture of small samples

FEATURES BER1CY2

Incubator

1. The thermostat adopts intelligent fuzzy PID control, which has smaller temperature overshoot and faster stability time compared with the traditional PID control.
2. It has the function of reservation operation, the function of Fahrenheit and Celsius switching, and the function of three-point temperature correction.
3. Can be stacked, can also be hung on the wall to improve space utilization.
4. Left fan horizontal air circulation, good temperature uniformity, touch bead door lock, easy to open and close.
5. Drying or culture of small samples

DRYING OVEN BER1F1 TO BER1F17

HOT AIR STERILIZING DRYING OVEN



1. Horizontal air circularly by double Air ducts, high efficiency and high uniformity.
 2. PID controller, with over-temperature protection function.
 3. With fan switch, LED digital display, high temperature blast motor.
 5. New anti-hot handle.
- GXBE series have the following characteristics other than the above functions.
1. LCD temperature controller.
 2. 4 grades speed fan, adjustable for different requirements.
 3. Over-temperature protection system.
 4. High precision digital independent temperature limiter.
 5. 304:SUS304 Stainless Steel Body.

SPECIFICATIONS

Model	BER1F1	BER1F2	BER1F3	BER1F4	BER1F5
Cycle Mode	Forced convection				
Function					
--Temp. Range	RT+10-300°C				
--Temp. Resolution Ratio	0.1°C				
--Temp. Motion	±1°C				

--Temp. Uniformity	±2.5%				
Structure					
--Inner Chamber	Mirror Stainless Steel				
--Quter Shell	Cold rolling steel electrostatic spraying exterior				
--Insulation Layer	High quality rock wool board(with CE)				
--Heater	Stainless steel heater				
--Power Rating	0.8kW	1.2kW	1.6kW	2.0kW	2.3kW
--Exhaust Hole	Φ35mm top(with function of test hole)				
Controller					
--Temp. Control Mode	Two temperature section PID intelligent				
--Temp. Setting Mode	Touch button setting				
--Temp. Display Mode	LED Digital display				
--Timer	0-9999min(with timing wait function)				
--Operation Function	Fixed temperature operation, timing function, auto stop.				
--Additional Function	Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory				
--Sensor	PT100				
--Safety Device	Over temperature sound-light alarm;				
Specification					
--Inner Chamber size(W*L*H)(mm)	310*310*310	350*350*350	400*360*450	450*420*450	500*450*550
--Exterior Size (W*L*H)(mm)	460*500*695	500*550*735	550*550*840	590*610*830	636*680*915
--Packing Size (W*L*H)(mm)	540*575*855	580*615*895	635*625*995	680*685*1000	710*730*1100
--Volume	30L	45L	65L	85L	125L
--Max. Shelf Number	5	6	8		11
--Load Per rack	15kg				
--Shelf Space	40mm				
--Power Rating (50/60HZ)	AC220V/3.6A	AC220V/5.5A	AC220V/7.2A	AC220V/9.0A	AC220V/10.5A
--NW/GW (kg)	33/37	37/43	44/49	50/56	60/66
Accessory					
--Shelf	2				
--Shelf Frame	4				
Optional accessories	Spare shelf				
Alt Name	Hot Air Sterilizing Drying Oven				
Model	BER1F6	BER1F7	BER1F8	BER1F9	BER1F10
Old Model		BOGP-301	BOGP-302	BOGP-303	
Cycle Mode	Forced convection				
Function					
--Temp. Range	RT+10-300℃				
--Temp. Resolution Ratio	0.1℃				
--Temp. Motion	±1℃				
--Temp. Uniformity	±2.5%				
Structure					
--Inner Chamber	Mirror Stainless Steel				
--Quter Shell	Cold rolling steel electrostatic spraying exterior				
--Insulation Layer	High quality rock wool board(with CE)				
--Heater	Stainless steel heater				
--Power Rating	3.0kW	0.8kW	1.2kW	1.6kW	2.0kW

--Exhaust Hole	Φ35mm top(with function of test hole)				
Controller					
--Temp. Control Mode	Two temperature section PID intelligent				
--Temp. Setting Mode	Touch button setting				
--Temp. Display Mode	LED Digital Display	LCD Digital Display			
--Timer	0-9999min(with timing wait function)				
--Operation Function	Fixed temperature operation, timing function, auto stop.				
--Additional Function	Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory	High precision digital independent temperature limiter.4 grades 3 speed adjustable-speed fan. Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory			
--Sensor	PT100				
--Safety Device	Over temperature sound-light alarm;	Digital Independent Temp. limiter, Over temperature sound-light alarm.			
Specification					
--Inner Chamber size(W*L*H)(mm)	600*500*750	310*310*310	350*350*350	400*360*450	450*420*450
--Exterior Size (W*L*H)(mm)	735*835*1115	460*500*695	500*550*735	550*550*840	590*610*830
--Packing Size (W*L*H)(mm)	857*885*1287	540*575*855	580*615*895	635*625*995	680*685*1000
--Volume	230L	30L	45L	65L	85L
--Max. Shelf Number	17	5	6	8	
--Load Per rack	15kg				
--Shelf Space	40mm				
--Power Rating (50/60HZ)	AC220V/13.6A	AC220V/3.6A	AC220V/5.5A	AC220V/7.2A	AC220V/9.0A
--NW/GW (kg)	94/120	33/37	37/43	44/49	50/56
Accessory					
--Shelf	2				
--Shelf Frame	4				
Optional accessories	Spare shelf	Spare shelf, RS485 interface, printer, Program controller, U-disk storage;3.5-inch color touch screen temperature controller			
Alt Name	Hot Air Sterilizing Drying Oven				
Model	BER1F11	BER1F12	BER1F13	BER1F14	
Old Model	BOGP-304	BOGP-305			
Cycle Mode	Forced convection				
Function					
--Temp. Range	RT+10-300℃				
--Temp. Resolution Ratio	0.1℃				
--Temp. Motion	±1℃				
--Temp. Uniformity	±2.5%				
Structure					
--Inner Chamber	Mirror Stainless Steel				
--Quter Shell	Cold rolling steel electrostatic spraying exterior				
--Insulation Layer	High quality rock wool board(with CE)				
--Heater	Stainless steel heater				

--Power Rating	2.3kW	3.0kW	0.8kW	1.2kW
--Exhaust Hole	Φ35mm top(with function of test hole)			
Controller				
--Temp. Control Mode	Two temperature section PID intelligent			
--Temp. Setting Mode	Touch button setting			
--Temp. Display Mode	LCD Digital display		LCD Digital Display	
--Timer	0-9999min(with timing wait function)			
--Operation Function	Fixed temperature operation, timing function, auto stop.			
--Additional Function	High precision digital independent temperature limiter.4 grades 3 speed adjustable-speed fan. Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory	High precision digital independent temperature limiter. Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory	High precision digital independent temperature limiter.4 grades 3 speed adjustable-speed fan. Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory	
--Sensor	PT100			
--Safety Device	Digital Independent Temp. limiter, Over temperature sound-light alarm.			
Specification				
--Inner Chamber size(W*L*H)(mm)	500*450*550	600*500*750	310*310*310	350*350*350
--Exterior Size (W*L*H)(mm)	636*680*915	735*835*1115	460*500*695	500*550*735
--Packing Size (W*L*H)(mm)	710*730*1100	857*885*1287	540*575*855	580*615*895
--Volume	125L	230L	30L	45L
--Max. Shelf Number	11	17	5	6
--Load Per rack	15kg			
--Shelf Space	40mm	35mm	40mm	
--Power Rating (50/60HZ)	AC220V/10.5A	AC220V/13.6A	AC220V/3.6A	AC220V/5.5A
--NW/GW (kg)	60/66	94/120	33/37	37/43
Accessory				
--Shelf	2			
--Shelf Frame	4			
Optional accessories	Spare shelf, RS485 interface, printer, Program controller, U-disk storage;3.5-inch color touch screen temperature controller			
Alt Name	Hot Air Sterilizing Drying Oven			
Model	BER1F15	BER1F16		BER1F17
Cycle Mode	Forced convection			
Function				
--Temp. Range	RT+10-300℃			
--Temp. Resolution Ratio	0.1℃			
--Temp. Motion	±1℃			
--Temp. Uniformity	±2.5%			
Structure				
--Inner Chamber	Mirror Stainless Steel			
--Quter Shell	Cold rolling steel electrostatic spraying exterior			
--Insulation Layer	High quality rock wool board(with CE)			
--Heater	Stainless steel heater			
--Power Rating	1.6kW	2.0kW		2.3kW

--Exhaust Hole	Φ35mm top(with function of test hole)		
Controller			
--Temp. Control Mode	Two temperature section PID intelligent		
--Temp. Setting Mode	Touch button setting		
--Temp. Display Mode	LCD Digital Display		LCD Digital display
--Timer	0-9999min(with timing wait function)		
--Operation Function	Fixed temperature operation, timing function, auto stop.		
--Additional Function	High precision digital independent temperature limiter.4 grades 3 speed adjustable-speed fan. Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory		
--Sensor	PT100		
--Safety Device	Digital Independent Temp. limiter, Over temperature sound-light alarm.		
Specification			
--Inner Chamber size(W*L*H)(mm)	400*360*450	450*420*450	500*450*550
--Exterior Size (W*L*H)(mm)	550*550*840	590*610*830	636*680*915
--Packing Size (W*L*H)(mm)	635*625*995	680*685*1000	710*730*1100
--Volume	65L	85L	125L
--Max. Shelf Number	8		11
--Load Per rack	15kg		
--Shelf Space	40mm		
--Power Rating (50/60HZ)	AC220V/7.2A	AC220V/9.0A	AC220V/10.5A
--NW/GW (kg)	44/49	50/56	60/66
Accessory			
--Shelf	2		
--Shelf Frame	4		
Optional accessories	Spare shelf, RS485 interface, printer, Program controller, U-disk storage;3.5-inch color touch screen temperature controller		
Alt Name	Hot Air Sterilizing Drying Oven		



APPLICATIONS

Easy to operate efficient dry heat sterilizer.

DRYING OVEN BER1G1 BER1G2

PORTABLE DRYING AND STERILIZING OVEN



1. Horizontal air circularly by double s ducts, high efficiency and high uniformity.
2. 3.5 inch touch screen controller, two temperature section PID intelligent. Preset 4 operating temperatures, the temperature can be edited, select the mode, click run, run automatically, stop automatically , operation is convenient.
3. Over temperature sound-light alarm, Sensor deviation correction, temperature overshoot self-tuning, power-off parameter memory.

SPECIFICATIONS

Model	BER1G1	BER1G2
Cycle Mode	Forced convection	
Function		
--Temp. Range	RT+10-300°C	
--Temp. Resolution Ratio	0.1°C	
--Temp. Motion	±1°C	
--Temp. Uniformity	±2.5%	
Structure		
--Inner Chamber	Mirror stainless steel	
--Quter Shell	Cold rolling steel electrostatic spraying exterior	
--Insulation Layer	High quality rock wool board	
--Heater	Stainless steel heater	
--Power Rating	0.8kW	1.6kW
--Exhaust Hole	Φ35mm top(with function of test hole)	
Controller		
--Temp. Control Mode	Two temperature section PID intelligent	
--Temp. Setting Mode	3.5 inch touch screen	
--Temp. Display Mode	Touch screen preset 4 mode settings, select a good mode to set the temperature time	
--Timer	0-9999min(with timing wait function)	
--Operation Function	Fixed temperature operation, fixed timing operation, auto stop.	
--Additional Function	Over temperature sound-light alarm, Sensor deviation correction temperature overshoot ,self-tuning, power-off parameter memory	
--Sensor	PT100	
Safety Device	Over temperature alarm and cut off heating	
Specification		
--Inner Chamber size(W*L*H)(mm)	310*310*310	400*360*450
--Exterior Size (W*L*H)(mm)	450*500*690	540*550*830
--Packing Size (W*L*H)(mm)	540*575*855	635*625*095
--Volume	30L	65L
--Max. Shelf Number	6	9

--Load Per rack	15kg	
--Shelf Space	35mm	
--Power Rating (50/60HZ)	AC220V/3.6A	AC220V/7.2A
--NW/GW (kg)	33/37	44/49
Accessory		
--Shelf	2	
--Shelf Frame	4	
Optional accessories	Spare shelf, RS485 Communication Interface	
Alt Name	Portable Drying and Sterilizing Oven	

APPLICATIONS

Used for industrial and mining enterprises, scientific research institute, laboratory drying in hospital health and other units, drying of dental instruments,sterilization.

DRYING OVEN BEV1K1 TO BEV1K4

ELECTRIC HEATING DRYING OVEN

Suitable for users who have higher temperature uniformity requirements. The basis of laboratory research units supporting equipment, recommended for intermediate and senior laboratories.



Precision LCD microcomputer intelligent PID control system, with temperature control, timing and over-temperature alarm, with RS485 computer interface. It is a standard LED light-emitting tube digital display temperature controller, which does not have a microcomputer interface.

The inner tank is equipped with a well-known brand circulation fan as standard, the fan speed and air volume are adjustable with digital display temperature controllers that do not have this function. The motor is maintenance-free and highly durable. Combined with the three-sided circulation air duct design, it ensures the temperature in the oven is constant, Stainless steel mirror, anti-acid, and anti-corrosion characteristics. Double tempered glass observation window in the door, the inner with lighting, which can clearly observe the items.

SPECIFICATIONS

Model	BEV1K1	BEV1K2	BEV1K3	BEV1K4
Old Model	BICL-701	BICL-702	BICL-703	BICL-704
Temp range (°C)	RT+5~300			
Accuracy (°C)	±0.1			
Fluctuation (%)	±1			
Voltage (V)	220			
Power (KW)	1.2	1.4	1.8	2.7
Inner size (mm) (H*W*D)	320*350*350	420*450*350	520*550*450	750*600*500
Overall dimension (mm) (H*W*D)	530*640*550	630*740*550	750*890*630	980*965*770
Packing size (mm) (H*W*D)	650*720*630	750*820*630	870*970*710	1100*1045*850
Net weight (KG)	36	47	62	96
Shipping weight (KG)	39	50	66	105
They are equipped with a standard LED light-emitting tube digital display temperature controller.The heating time is to rise to 150°C within 30 minutes.The maximum load of each laminate is 20KG.				

Alt Name	Muti-sides air circulating heating
----------	------------------------------------

ACCESSORIES FOR PURCHASE

No	Name
1	Portable printer
2	Software
3	Touch screen LCD display controller
4	Data storage device with USB port
5	Test hole
6	Air inlet filter
7	"Open door, power off" function
8	Stainless steel punched laminate
9	Programmable multi-stage controller
10	Individual temperature limit controller



1



2



3



4



5



6

FEATURES

Precision LCD microcomputer intelligent PID control system, with temperature control, timing and over-temperature alarm, with RS485 computer interface. It is a standard LED light-emitting tube digital display temperature controller, which does not have a microcomputer interface.

The inner tank is equipped with a well-known brand circulation fan as standard, the fan speed and air volume are adjustable with digital display temperature controllers that do not have this function. The motor is maintenance-free and highly durable. Combined with the three-sided circulation air duct design, it ensures the temperature in the oven is constant, Stainless steel mirror, anti-acid, and anti-corrosion characteristics.

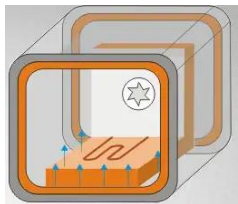
Double tempered glass observation window in the door, the inner with lighting, which can clearly observe the items.

The spaces and quantity of shelves can be adjusted.

This products have passed the European Union CE safety certification, 2 years warranty period.



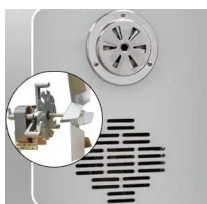
Stainless steel liner



Hot air circulation system



Qualified silicone sealing ring



Vent hole and cooling motor



Microcomputer interface and plug solid frame



Buckle handle



Qualified cold rolled steel sheet



Digital display controller(type with "C")



LCD screen controller(with wind speed adjustable)

APPLICATIONS

Widely used for drying, sterilization, thermostatic storage, heat treatment and other fields. But it is not suitable for volatile, flammable, explosive and other items, so as not to cause an explosion.

DRYING OVEN BGH111 BGH112

MICROPLATE INCUBATOR

They are commonly used for incubation of microplates and cell culture plates in microplate insect culture, animal and plant cell incubation, ELISA and other experimental processes.



Heating plates above and below the microplates, more even heating.
Exact correspondence of the designed and actual temperature.
LCD display. It is easy to set up and use.
Real-time display of time and temperature, safe and reliable.

SPECIFICATIONS

Model	BGH111	BGH112
Old Model	BOHA-325	BOHA-326
Temp. control range	RT. +5 °C~70 °C	
Timer range	1 min~99 h 59 min	
Temp. control accuracy	±0.5 °C	
Display accuracy	±0.1 °C	
Shaking speed	/	
Mixing orbit	/	
Heating time (20 to 70 °C)	≤20 min	
Capacity	2 microplates	4 microplates / deepwell plates
Dimension (mm)	280x270x150 mm	320x350x185 mm

Weight	4 kg	8 kg
Alt Name	Microplate Incubator	



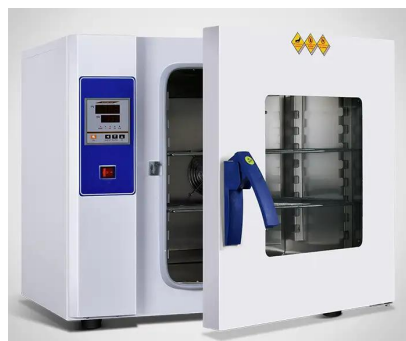
BGH111



BGH112

DRYING OVEN BEV1X1 TO BEV1X4

DRYING OVEN



Microcomputer intelligent PID display with function of temperature control, timer and over-temperature alarm.

Low noise fans and air cycling duct, reasonable air duct and circulation system makes stable temperature working environment.

The shell material is made of steel plates with electrostatic spray paint, large observation window in the door;

Two materials of internal chamber : stainless steel and galvanized steel, round corners inner chamber is easy to clean.

the spaces and quantity of shelves can be adjusted

High temperature resistant silicone for sealing the door, high-temperature heat pipes for the heating element to ensure safety and longer life.

Ergonomic fastening handle, easy to operate and ensure sealing

SPECIFICATIONS

Model	BEV1X1	BEV1X2	BEV1X3	BEV1X4
Old Model	BICL-705	BICL-706	BICL-707	BICL-708
Voltage (V)	110/220			
Temp range (°C)	RT+5~300			
Timing range	0~999 mins/hours			
Accuracy (°C)	±0.5			
Fluctuation (%)	±1			
Power (kW)	1.2	1.4	2	3
Inner size (mm) (HxWxD)	350x350x350	450x450x350	550x550x450	750x600x500
Overall dimension (mm) (HxWxD)	530x640x550	630x740x550	750x890x630	980x965x770
Net weight (kg)	35.5	45	60	94
Shipping weight (kg)	38.5	48	64	103
Alt Name	Drying Oven			

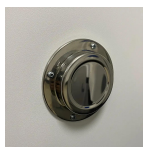
ACCESSORIES FOR PURCHASE

No	Name
1	Programmable controller
2	Test hole
3	Temperature limit
4	Air inlet filter

5	Fan independent switch
6	nickel-chromium round steel shelf or perforated shelf



1



2



3



4

FEATURES

Microcomputer intelligent PID display with function of temperature control, timer and over-temperature alarm.

Low noise fans and air cycling duct, reasonable air duct and circulation system makes stable temperature working environment.

The shell material is made of steel plates with electrostatic spray paint, large observation window in the door;

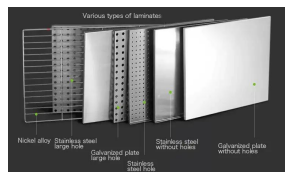
Two materials of internal chamber : stainless steel and galvanized steel, round corners inner chamber is easy to clean.

the spaces and quantity of shelves can be adjusted

High temperature resistant silicone for sealing the door, high-temperature heat pipes for the heating element to ensure safety and longer life.

Ergonomic fastening handle, easy to operate and ensure sealing

We have the full stainless steel version: The shell and chamber are made of high-quality stainless steel plate, which has the characteristics of acid-base and corrosion resistance. It is the best equipment for pharmaceutical factories, food factories, medical research and other institutions.



Various types of laminates



LED temperature controller



Air circulation diagram

DRYING OVEN BGI1D1 TO BGI1D5

DRYING OVEN



LCD Programmable controller (with timing function)

- Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable.
- Auto-controller of fan speed to prevent damage to the samples.
- Large LCD screen to display more data at same time.
- Self-check function makes it easy to identify problems.
- There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature.
- Programmable controller: 7 periods 63 steps, 0~5999min for each period , fan speed 0 to 100% adjustable.
- Independent audible and visible temperature-limiting alarm system ensures experiments run safely.

SPECIFICATIONS

Model	BGI1D1	BGI1D2	BGI1D3	BGI1D4	BGI1D5
Old Model	BODR-7001	BODR-7002	BODR-7003	BODR-7004	BODR-7005
Electrical Requirement	220V 50HZ				
Controller	Programmable LCD display				
Power Consumption	850W	1100W	1550W	2050W	3000W
Temperature Range	RT+10~250°C				
Display Resolution	0.1°C				
Temperature Stability	±1°C				
Temperature Uniformity	±2.5% (@100°C)				
Shelves	2(PCS)		3(PCS)		
Interior Dimension (WxDxH)mm	350x300x400	400x320x550	500x380x750	600x450x900	1000x510x800
Exterior Dimension (WxDxH)mm	505x655x600	550x660x750	655x715x980	755x785x1130	1140x850x1080
Chamber Volume	40L	80L	150L	250L	400L
Timing Range	0~5999min				
Alt Name	Drying Oven				

FEATURES

LCD Programmable controller (with timing function)

- Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable.
- Auto-controller of fan speed to prevent damage to the samples.
- Large LCD screen to display more data at same time.
- Self-check function makes it easy to identify problems.
- There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature.
- Programmable controller: 7 periods 63 steps, 0~5999min for each period , fan speed 0 to 100% adjustable.
- Independent audible and visible temperature-limiting alarm system ensures experiments run safely.
- RS485 connector can connect computer and printer to record the parameters and the variations of temperature.(Option)

DRYING OVEN BER1DF1 TO BER1DF6

DRYING OVEN / INCUBATOR (DOUBLE FUNCTION)



1. Horizontal air circularly by double air ducts, high efficiency and high uniformity.
2. PID controller, with over-temperature protection function.
3. With oven/incubator change switch, fan switch; and high-temperature blast motor.
4. New anti-hot handle.
5. LCD temperature controller.
6. 4 grades speed fan, adjustable for different requirements.
7. Over-temperature protection system.
8. High precision digital independent temperature limiter.

SPECIFICATIONS

Model	BER1DF1	BER1DF2	BER1DF3
Cycle Mode	Forced convection		
Function			
--Temp. Range	Incubator:RT+5-80°C Drying oven:80-300°C		
--Temp. Resolution Ratio	0.1°C		
--Temp. Motion	±1°C		
--Temp. Uniformity	±2.5%		
Structure			
--Inner Chamber	SUS 304		
--Outer Shell	SUS 304 embossed stainless steel shell		
--Insulation Layer	High quality rock wool board (with CE)		
--Heater	Stainless steel heater		
--Power Rating	0.8kW	1.2kW	1.6kW
--Exhaust Hole	Φ35mm top (with function of test hole)		
Controller			
--Temp. Control Mode	PID Two temperature section intelligent		
--Temp. Setting Mode	Touch button setting		
--Temp. Display Mode	LCD Digital display		
--Timer	0-9999min (with timing wait function)		
--Operation Function	Fixed temperature operation, timing function, auto stop		
--Additional Function	Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory.		
--Sensor	PT100		
Safety Device	Digital Independent Temp. limiter, Overtemperature sound-light alarm.		
Specification			
--Inner Chamber Size(W*L*H)(mm)	310*310*310	350*350*350	400*360*450
--Exterior Size(W*L*H)(mm)	460*510*695	500*550*735	550*570*840
--Packing Size(W*L*H)(mm)	540*575*855	580*615*895	635*625*995
--Volume	30L	45L	65L
--Max. Shelf Number	5	6	8

--Load Per rack	15kg		
--Shelf Space	40mm		
--Power Rating (50/60Hz)	AC220V/3.6A	AC220V/5.5A	AC220V/7.2A
--NW/GW (kg)	33/37	37/43	44/49
Accessory			
--Shelf	2		
--Shelf Frame	4		
Optional accessories	Spare shelf, RS485 interface, printer, Program controller, remote control, U-disk storage; wireless SMS alarm, 4.3 inch color touch screen temperature controller.		
Alt Name	Drying Oven / Incubator (Double function)		
Model	BER1DF4	BER1DF5	BER1DF6
Cycle Mode	Forced convection		
Function			
--Temp. Range	Incubator:RT+5-80°C Drying oven:80-300°C		
--Temp. Resolution Ratio	0.1°C		
--Temp. Motion	±1°C		
--Temp. Uniformity	±2.5%		
Structure			
--Inner Chamber	SUS 304		
--Outer Shell	SUS 304 embossed stainless steel shell		
--Insulation Layer	High quality rock wool board (with CE)		
--Heater	Stainless steel heater		
--Power Rating	2.0kW	2.3kW	3.0kW
--Exhaust Hole	Φ35mm top (with function of test hole)		Rear exhaust
Controller			
--Temp. Control Mode	PID Two temperature section intelligent		
--Temp. Setting Mode	Touch button setting		
--Temp. Display Mode	LCD Digital display		
--Timer	0-9999min (with timing wait function)		
--Operation Function	Fixed temperature operation, timing function, auto stop		
--Additional Function	Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory.		
--Sensor	PT100		
Safety Device	Digital Independent Temp. limiter, Overtemperature sound-light alarm.		
Specification			
--Inner Chamber Size(W*L*H)(mm)	450*420*450	500*450*550	600*500*750
--Exterior Size(W*L*H)(mm)	590*610*830	636*680*915	735*835*1115
--Packing Size(W*L*H)(mm)	680*685*1005	710*730*1100	857*885*1287
--Volume	85L	125L	230L
--Max. Shelf Number	8	11	17
--Load Per rack	15kg		
--Shelf Space	40mm		
--Power Rating (50/60Hz)	AC220V/9.0A	AC220V/10.5A	AC220V/13.6A
--NW/GW (kg)	50/56	60/66	94/120
Accessory			
--Shelf	2		
--Shelf Frame	4		

Optional accessories	Spare shelf, RS485 interface, printer, Program controller, remote control, U-disk storage; wireless SMS alarm, 4.3 inch color touch screen temperature controller.
Alt Name	Drying Oven / Incubator (Double function)



DRYING OVEN BGI1F1 BGI1F2 BGI1F3

CORROSION-RESISTANT DRYING OVEN



- SS316 working chamber,
- SS316 circulating fan.
- SS304 Outer Body.
- Programmable controller: 7 periods 63 steps, 0~5999min for each periods. Independent audible and visible temperature-limiting alarm system ensures experiments run safely.

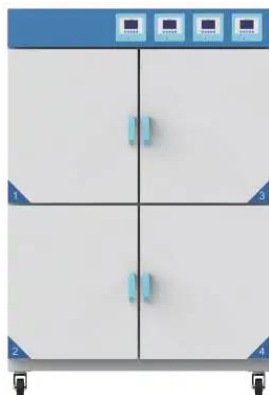
SPECIFICATIONS

Model	BGI1F1	BGI1F2	BGI1F3
Electrical Requirement	220V 50HZ		
Controller	Programmable LCD display		
Power Consumption	1300W	1650W	2000W
Temperature Range	RT+10~200°C		
Display Resolution	0.1°C		
Temperature Stability	±1°C		
Temperature Uniformity	±1.5% (@100°C)		
Shelves (Std. / Max.)	2/4	3/6	
Chamber Volume	100L	175L	220L
Interior Dimension (WxDxH)mm	455x430x510	560x530x595	610x570x650
Exterior Dimension (WxDxH)mm	600x642x837	705x742x927	755x782x977
Timing Range	0~5999min		
Alt Name	Corrosion-resistant drying Oven		

DRYING OVEN BGI1G1 BGI1G2

TWO & FOUR CHAMBERS DRYING OVEN

The multi-chamber drying oven is an upgrade of the traditional single chamber oven. It can be combined with two or four chambers to enhance the efficiency of the space utilization and save valuable laboratory space. It is widely used in industrial and mining enterprises, laboratories, scientific research institutions, etc. for drying, baking, melting wax, and sterilization.



- A choice of two or four drying chambers effectively saves laboratory space;
- Each drying chamber is independently controlled, without interfering with each other, and the temperature control is accurate and stable;
- The oven body is made of mirror stainless steel fluorine arc welding, and the box body is made of steel plate, which is beautiful and novel.
- PID controller with over temperature alarm and timing function ensures precise and reliable control.
- The hot air circulation system consists of a fan that can operate continuously at high temperature and a suitable air duct to improve the uniformity of the temperature in the workroom.
- Using new synthetic silicon sealing strip, which can operate at high temperature for a long time, has a long service life and is easy to replace.

SPECIFICATIONS

Model	BGI1G1	BGI1G2
Electrical Requirement	AC220V 50HZ	
Power Consumption	3300W	5200W
Temperature Range	RT+10 ~ 200°C	RT+10 ~ 250°C
Display Resolution	0.1°C	
Temperature Uniformity	±2.5°C (@100°C)	
Temperature Stability	±1°C	
Shelves	2PCS / Chamber	
Chamber Volume	150L x 2	100L x 4
Interior Dimension (WxDxH)mm	560x530x600 / Chamber	455x430x510 / Chamber
Exterior Dimension (WxHxD)mm	705x740x1800	1220x616x1620
Timer	0~5999min	
Alt Name	Two chambers Drying Oven	Fours chambers Drying Oven

FEATURES

- A choice of two or four drying chambers effectively saves laboratory space;
- Each drying chamber is independently controlled, without interfering with each other, and the temperature control is accurate and stable;
- The oven body is made of mirror stainless steel fluorine arc welding, and the box body is made of steel plate, which is beautiful and novel.
- PID controller with over temperature alarm and timing function ensures precise and reliable control.
- The hot air circulation system consists of a fan that can operate continuously at high temperature and a suitable air duct to improve the uniformity of the temperature in the workroom.
- Using new synthetic silicon sealing strip, which can operate at high temperature for a long time, has a long service life and is easy to replace.
- The air intake and exhaust volume in the chamber can be adjusted from the temperature control panel.
- Independent temperature-limiting alarm system ensures experiments run safely.(Option)
- Printer connector and RS485 connector are options which can connect printer and computer to record the parameters and the variations of temperature.(Option)

DRYING OVEN BGI1E1 TO BGI1E8

HIGH TEMPERATURE DRYING OVEN



- 304 stainless steel, mirror polishing processing, semicircular arcs at corners easy to clean and maintain. The space between the shelves in the chamber is adjustable.
- PID controller with over temperature alarm and timing function ensures precise and reliable control.
- Ceramic fiber door seal, which can run at high temperature for a long time and has a long service life.
- Programmable controller: 7 periods 63 steps, 0 ~5999mins for each period, can preset boot and shutdown time, adjustable circulating fan.
- Independent over-temperature alarm system ensures experiments running safely.

SPECIFICATIONS

Model	BGI1E1	BGI1E2	BGI1E3	BGI1E4
Old Model	BODR-7101	BODR-7102	BODR-7103	BODR-7104
Electrical Requirements	AC380V 50HZ			
Temperature Range	RT+20°C~400°C			
Display Resolution	0.1°C			
Temperature Stability	±0.5°C			
Ambient Temperature	+5~40°C			
Power Consumption	3250W / 4050W	4050W / 4900W	4900W / 6050W	8500W / 8500W
Chamber Volume	50L	100L	220L	760L
Internal Dimension (WxDxH)mm	350x350x400	450x450x450	600x600x600	980x1000x780
External Dimension (WxDxH)mm	890x700x920	990x790x990	1140x950x1140	1324x1263x1770
Shelves	2(pcs)			
Timing Range	0~5999min			
Alt Name	High Temperature Drying Oven			

Model	BGI1E5	BGI1E6	BGI1E7	BGI1E8
Old Model	BODR-401	BODR-402	BODR-403	BODR-404
Electrical Requirements	AC380V 50HZ			
Temperature Range	RT+20°C~500°C			
Display Resolution	0.1°C			
Temperature Stability	±0.5°C			
Ambient Temperature	+5~40°C			
Power Consumption	3250W / 4050W	4050W / 4900W	4900W / 6050W	8500W / 8500W
Chamber Volume	50L	100L	220L	760L
Internal Dimension (WxDxH)mm	350x350x400	450x450x450	600x600x600	980x1000x780
External Dimension (WxDxH)mm	890x700x920	990x790x990	1140x950x1140	1324x1263x1770
Shelves	2(pcs)			
Timing Range	0~5999min			
Alt Name	High Temperature Drying Oven			

APPLICATIONS

LCD Programmable controller (with timing function)

Provided for desiccation, torrefaction, wax-melting and sterilization in mining enterprises, laboratories and scientific research institutes.

DRYING OVEN BER1DB1 TO BER1DB6

AUTOMATIC PRECISION VACUUM DRYING OVEN (PLUGGABLE SHELF HEATING)

It is designed for drying heat-sensitive, easily decomposed and easily oxidized substances. It is widely used in medicine, food, light industry, chemical industry, agricultural scientific research, environmental protection and other experimental fields.



1. SUS304 embossed stainless steel housing, SUS304 mirrored stainless steel studio, 5083 corrosion resistant aluminum plate.
2. Independent pluggable shelf heating.
3. Fixed value or program operation mode, true color 7.0-inch touch screen multi-section PID temperature controller, high temperature control accuracy, real-time temperature curve record, convenient for users to see the heating process. The program mode can realize temperature control and vacuum degree multi-stage programming operation to improve the experimental efficiency.
4. Automatic vacuum degree control system, set the vacuum degree, automatically reach the set vacuum degree. Standard with inflatable port, manual and electric double set of exhaust device.
5. Users can configure the vacuum pump, standard with the vacuum pump oil return

SPECIFICATIONS

Model	BER1DB1	BER1DB2	BER1DB3
Heating Mode	Shelf direct heating		
Function			
--Temp. Range	RT+10~250°C		
--Useful Vacuum Degree Range	<133Pa		
--Temp. Resolution Ratio	0.1°C		
--Temp. motion	±1°C		
--Heating-Up Time	≤ 40 minutes		
Composition			
--Inner Chamber	SUS304 mirror stainless steel		
--Outer Shell	SUS304 deembossed stainless steel, 5083 Corrosion resistant aluminum plate		
--Insulation Layer	Aluminium silicate fiber		
--Heater	Mica electrothermal film		
--Observation Window	Bulletproof tempered glass		
--Vacuum Sensor	Standard pressure sensor, absolute pressure accuracy class 0.25, vacuum touch screen display		
--Exhaust device	Manual and electric double exhaust device		
--Air intake port	Standard inflation port		
"-BLT Vacuum Pump System (BL: without Vacuum Pump)"	Double stage rotary vane vacuum pump 2L/S	Double stage rotary vane vacuum pump 4L/S	Double stage rotary vane vacuum pump 6L/S
--Nozzle Diameter	10mm		
--Power Rating	1.2kW / H type: 1.6kW	1.6kW / H type: 2.0kW	2.5kW / H type: 2.9kW
Controller			
--Temperature Control Mode	7.0-inch LCD color touch screen multi-stage PID program temperature control		
--Temperature Setting Mode	Touch Screen Type		

--Temperature Display Mode	7.0-inch LCD color touch screen		
--Timer	0-9999 minutes / 0-999 hours can adjust		
--Operation Function	Fixed value operation, regular, automatic stop		
--Fixed Value Mode	Control temperature and vacuum at the same time		
--Program Mode	Control temperature and vacuum at the same time, 30 programmable operation		
--Additional Function	Real-time temperature curve recording with U disk data storage and export function		
--Temperature Sensor	PT100		
Safety Device	Over temperature alarm, sensor fault alarm, vacuum over value alarm		
Specification			
--Inner (W*L*H) mm	415*370*340 / 635*565*796 (H type: 635*565*1296)	450*450*450 / 670*545*950 (H type: 670*645*1406)	500*600*650 / 770*795*650 (H type: 770*795*1606)
--Exterior (W*L*H) mm	580*610*930	670*670*1050	760*760*1262
--Packing (W*L*H) mm	804*705*957 / H type: 804*705*1457	840*785*1062 / H type: 840*785*1562	940*935*1262 / H type: 940*935*1762
--Volume	52L	91L	214.5L
--Number Of Shelf	2		
--Load Per Rack	15kg		
--Shelf Space	140mm	185mm	265mm
--Current Rating (50/60Hz)	AC220V/6.3A	AC220V/9.1A	AC220V/13.1A
--NW/GW kg	67/92 / H type: 87/112	86/114 / H type: 102/125	100/139 / H type: 210/240
Accessory			
--Shelf	2		
--Shelf Frame	4		
Optional Accessories	Shelf (Independent temperature control), RS485 transfer to USB communication interface, Printer, WIFI control module		
Alt Name	Automatic Precision Vacuum Drying Oven (Pluggable shelf heating)		
Model	BER1DB4	BER1DB5	BER1DB6
Heating Mode	Shelf direct heating		
Function			
--Temp. Range	RT+10~250°C		
--Useful Vacuum Degree Range	<133Pa		
--Temp. Resolution Ratio	0.1°C		
--Temp. motion	±1°C		
--Heating-Up Time	≤ 40 minutes		
Composition			
--Inner Chamber	SUS304 mirror stainless steel		
--Outer Shell	SUS304 deembossed stainless steel, 5083 Corrosion resistant aluminum plate		
--Insulation Layer	Aluminium silicate fiber		
--Heater	Mica electrothermal film		
--Observation Window	Bulletproof tempered glass		
--Vacuum Sensor	Standard pressure sensor, absolute pressure accuracy class 0.25, vacuum touch screen display		
--Exhaust device	Manual and electric double exhaust device		
--Air intake port	Standard inflation port		
"-BLT Vacuum Pump System (BL: without Vacuum Pump)"	Double stage rotary vane vacuum pump 2L/S	Double stage rotary vane vacuum pump 4L/S	Double stage rotary vane vacuum pump 6L/S
--Nozzle Diameter	10mm		
--Power Rating	1.2kW / H type: 1.6kW	1.6kW / H type: 2.0kW	2.5kW / H type: 2.9kW
Controller			

--Temperature Control Mode	7.0-inch LCD color touch screen multi-stage PID program temperature control		
--Temperature Setting Mode	Touch Screen Type		
--Temperature Display Mode	7.0-inch LCD color touch screen		
--Timer	0-9999 minutes / 0-999 hours can adjust		
--Operation Function	Fixed value operation, regular, automatic stop		
--Fixed Value Mode	Control temperature and vacuum at the same time		
--Program Mode	Control temperature and vacuum at the same time, 30 programmable operation		
--Additional Function	Real-time temperature curve recording with U disk data storage and export function		
--Temperature Sensor	PT100		
Safety Device	Over temperature alarm, sensor fault alarm, vacuum over value alarm		
Specification			
--Inner (W*L*H) mm	415*370*340 / 635*565*796 (H type: 635*565*1296)	450*450*450 / 670*545*950 (H type: 670*645*1406)	500*600*650 / 770*795*650 (H type: 770*795*1606)
--Exterior (W*L*H) mm	580*610*930	670*670*1050	760*760*1262
--Packing (W*L*H) mm	804*705*957 / H type: 804*705*1457	840*785*1062 / H type: 840*785*1562	940*935*1262 / H type: 940*935*1762
--Volume	52L	91L	214.5L
--Number Of Shelf	2		
--Load Per Rack	15kg		
--Shelf Space	140mm	185mm	265mm
--Current Rating (50/60Hz)	AC220V/6.3A	AC220V/9.1A	AC220V/13.1A
--NW/GW kg	67/92 / H type: 87/112	86/114 / H type: 102/125	100/139 / H type: 210/240
Accessory			
--Shelf	2		
--Shelf Frame	4		
Optional Accessories	Shelf (Independent temperature control), RS485 transfer to USB communication interface, Printer, WIFI control module		
Alt Name	Automatic Precision Vacuum Drying Oven (Pluggable shelf heating)		



FEATURES

1. SUS304 embossed stainless steel housing, SUS304 mirrored stainless steel studio, 5083 corrosion resistant aluminum plate.
2. Independent pluggable shelf heating.
3. Fixed value or program operation mode, true color 7.0-inch touch screen multi-section PID temperature controller, high temperature control accuracy, real-time temperature curve record, convenient for users to see the heating process. The program mode can realize temperature control and vacuum degree multi-stage programming operation to improve the experimental efficiency.
4. Automatic vacuum degree control system, set the vacuum degree, automatically reach the set vacuum degree. Standard with inflatable port, manual and electric double set of exhaust device.
5. Users can configure the vacuum pump, standard with the vacuum pump oil return device, convenient for customers to use, avoid the vacuum pump oil return.
6. H type standard with vacuum pump, air pipeline equipped with air filter device, improve the service life of vacuum pump.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com