



GENERAL PURPOSE INCUBATOR

GENERAL PURPOSE INCUBATOR BER1S1 BER1S2

PORTABLE INCUBATOR



1. Internal naturally air convection, four sides heating method, to make inner temperature uniformity.
2. Mirror stainless steel inner chamber, four corners arc transition easy to clean.
3. PID controller, with over-temperature protection function, with over-temperature alarm, sensor fault alarm, fixed value operation, regular operation, deviation correction, menu locking and other functions.
4. With high quality glass window and installed LED light on the door, easy to observe the sample inside, especially under dark conditions.
5. Portable design, the top handle is easy to move, optional 12V vehicle power supply, vehicle 12V, 100-240V can be used.

SPECIFICATIONS

Model	BER1S1	BER1S2
Cycle Mode	Natural Convection	
Function		
--Temp. Range	RT+5-65°C	
--Temp. Resolution Ratio	0.1°C	
--Temp. Motion	±0.5°C	
--Temp. Uniformity	±1.5°C	
Structure		
--Inner Chamber	mirror stainless steel	
--Outer Shell	Cold rolling steel electrostatic spraying exterior	
--Insulation Layer	Polyurethane	
--Heater	Heating Element	
--Power Rating	0.08kW	0.12kW
Controller		
--Temp. Control Mode	PID Intelligent	
--Temp. Setting Mode	Touch button setting	
--Temp. Display Mode	Measuring temperature: LED upper row ; Setting temperature: the lower row	
--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)	230*200*200	230*200*280
--Exterior Size (W*L*H)(mm)	310*276*298	310*276*378
--Packing Size (W*L*H)(mm)	350*312*377	350*312*457
--Volume	9.2L	12.8L
--Max. Shelf Number	2	
--Load Per rack	5kg	
--Shelf Space	35mm	

--Power Rating (50/60HZ)	AC220V/0.36A	
--NW/GW (kg)	8\10	12\14
Optional accessories	Vehicular/DC12V/AC110V/AC220V Supply	
Alt Name	Portable Incubator	



APPLICATIONS

It is used for industrial and mining enterprises, food processing, agriculture, biochemistry, biology, medicine industry of bacteria, microbe and other small culture experiments.

GENERAL PURPOSE INCUBATOR BER1P1 TO BER2P8

CONSTANT-TEMPERATURE INCUBATOR



1. New panel 5 degree angle, new rotary switch for glass inner door, convenient to use.
2. The double door structure adopts high quality glass, easy to observe samples, the door with magnetic strip is easy to be opened and closed, good sealing.

SPECIFICATIONS

Model	BER1P1	BER2P2	BER2P3	BER2P4
Old Model	BIFG-504	BIGP-102	BIGP-103	BIGP-104
Cycle Mode	Natural Convection			
Function				
--Temp. Range	RT+5-70°C			
--Temp. Resolution Ratio	0.1°C			
--Temp. Motion	±0.5°C			
--Temp. Uniformity	±1.5°C			
Structure				
--Inner Chamber	High strength galvanized sheet			
--Quter Shell	Cold rolling steel electrostatic spraying exterior			
--Insulation Layer	High quality foam board			
--Heater	Mica electrothermal film			
--Power Rating	0.35kW	0.45kW	0.6kW	0.7kW

--Exhaust Hole	Φ35mm top(with function of test hole)			
Controller				
--Temp. Control Mode	PID Intelligent			
--Temp. Setting Mode	Touch button setting			
--Temp. Display Mode	Measuring temperature: LED upper row; setting temperature: LED lower row			
--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)	350*350*350	400*350*450	500*450*550	600*580*600
--Exterior Size (W*L*H)(mm)	525*480*620	575*480*720	675*580*820	775*710*870
--Packing Size (W*L*H)(mm)	595*562*795	645*562*885	745*662*990	845*792*1040
--Volume	45L	65L	125L	210L
--Max. Shelf Number	7	10	13	14
--Load Per rack	15kg			
--Shelf Space	35mm			
--Power Rating (50/60HZ)	AC220V/1.1A		AC220V/2.3A	AC220V/2.7A
--NW/GW (kg)	27/40	32/45	45/60	55/70
Accessory				
--Shelf	2			
Optional accessories	Shelf			
Alt Name	Constant-Temperature Incubator			
Model	BER1P5	BER2P6	BER2P7	BER2P8
Old Model	BIGP-301			
Cycle Mode	Natural Convection			
Function				
--Temp. Range	RT+5-70℃			
--Temp. Resolution Ratio	0.1℃			
--Temp. Motion	±0.5℃			
--Temp. Uniformity	±1.5℃			
Structure				
--Inner Chamber	mirror stainless steel			
--Quter Shell	Cold rolling steel electrostatic spraying exterior			
--Insulation Layer	High quality foam board			
--Heater	Mica electrothermal film			
--Power Rating	0.35kW	0.45kW	0.6kW	0.7kW
--Exhaust Hole	Φ35mm top(with function of test hole)			
Controller				
--Temp. Control Mode	PID Intelligent			
--Temp. Setting Mode	Touch button setting			
--Temp. Display Mode	Measuring temperature: LED upper row; setting temperature: LED lower row			
--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)	350*350*350	400*350*450	500*450*550	600*580*600
--Exterior Size (W*L*H)(mm)	525*480*620	575*480*720	675*580*820	775*710*870
--Packing Size (W*L*H)(mm)	595*562*795	645*562*885	745*662*990	845*792*1040
--Volume	45L	65L	125L	210L
--Max. Shelf Number	7	10	13	14
--Load Per rack	15kg			
--Shelf Space	35mm			
--Power Rating (50/60HZ)	AC220V/1.1A		AC220V/2.3A	AC220V/2.7A
--NW/GW (kg)	27/40	32/45	45/60	55/70
Accessory				
--Shelf	2			
Optional accessories	Shelf			
Alt Name	Constant-Temperature Incubator			



APPLICATIONS

Classical bacterial microorganism incubator.

GENERAL PURPOSE INCUBATOR BGI101 TO BGI1015

HEATING INCUBATOR

Microprocessor Controller (with timing function)

Provided as a necessary equipment for scientific research to colleges as well as biological, agricultural and scientific research departments for storage of mould and biology cultivation.



- With inner glass door for easy observation.
 - Polished stainless-steel chamber.
 - 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)
- Options:
- Printer
 - Independent temperature-limiting Alarm system
 - RS485 connector
 - UV Sterilizer

SPECIFICATIONS

Model	BGI101	BGI102		BGI103	BGI104	
Old Model	BIGP-201	BIGP-7601		BIGP-202	BIGP-7602	
Electrical Requirement	220V 50Hz					
Temperature Range	RT+5~65℃					
Display Resolution	0.1℃	±0.5℃		0.1℃	±0.5℃	
Ambient Temperature	+5~35℃					
Temperature Uniformity	±1.5℃ (at 37℃)					
Power Consumption	200W					
Chamber Volume	16L			35L		
Interior Dimension (WxDxH) mm	250x260x250			340x320x320		
Exterior Dimension (WxDxH) mm	530x480x420			620x490x490		
Shelves (pcs)	2					
Timing Range	0-5999min					
Remark		with observation window and without Inner glass door.			LCD display is marked with a “B”	
Alt Name	Heating Incubator					

Model	BGI105	BGI106		BGI107	BGI108	
Old Model	BIGP-203	BIGP-7603		BIGP-204	BIGP-7604	
Electrical Requirement	220V 50Hz					
Temperature Range	RT+5~65℃					
Display Resolution	0.1℃	±0.5℃		0.1℃	±0.5℃	
Ambient Temperature	+5~35℃					
Temperature Uniformity	±1.5℃ (at 37℃)					
Power Consumption	300W			400W		
Chamber Volume	50L			80L		
Interior Dimension (WxDxH) mm	415x360x355			500x400x400		
Exterior Dimension (WxDxH) mm	690x500x500			780x530x560		
Shelves (pcs)	2					
Timing Range	0-5999min					
Remark		LCD display is marked with a “B”			LCD display is marked with a “B”	
Alt Name	Heating Incubator					

Model	BGI109	BGI1010		BGI1011	BGI1012	
Old Model	BIGP-205	BIGP-7605		BIGP-206	BIGP-7606	
Electrical Requirement	220V 50Hz					
Temperature Range	RT+5~65℃					
Display Resolution	0.1℃	±0.5℃		0.1℃	±0.5℃	
Ambient Temperature	+5~35℃					
Temperature Uniformity	±1.5℃ (at 37℃)					
Power Consumption	600W			750W		
Chamber Volume	160L			270L		
Interior Dimension (WxDxH) mm	500x500x650			600x600x750		
Exterior Dimension (WxDxH) mm	790x630x810			890x740x910		
Shelves (pcs)	2					
Timing Range	0-5999min					

Remark		LCD display is marked with a “B”		LCD display is marked with a “B”
Alt Name	Heating Incubator			
Model	BGI1013	BGI1014	BGI1015	
Old Model	BIGP-501	BIGP-502	BIGP-503	
Electrical Requirement	220V 50Hz			
Temperature Range	RT+5~65℃			
Display Resolution	0.1℃ / ±0.5℃			
Ambient Temperature	+5~35℃			
Temperature Uniformity	±2.0 (at 37℃)			
Power Consumption	1100W	1400W	2200W	
Chamber Volume	420L	620L	1000L	
Interior Dimension (WxDxH) mm	640x585x1355	840x600x1355	890x740x1590	
Exterior Dimension (WxDxH) mm	780x750x1880	980x800x1880	1050x880x2060	
Shelves (pcs)	3	4		
Timing Range	0-5999min			
Alt Name	Heating Incubator			

GENERAL PURPOSE INCUBATOR BER1R1 TO BER1R12

CONSTANT-TEMPERATURE INCUBATOR



1. Unique vertical double duct supply horizontal air circularly.
2. 4 grades 3 speed adjustable speed fan, LED running indicator light
3. Over-temperature protection system: LED red light on meanwhile cut off heating circuit to improve product safety when workroom temperature exceed the alarm value.
4. High precision digital independent temperature limiter.
5. 304:5US304 Stainless Steel Body.

SPECIFICATIONS

Model	BER1R1	BER1R2	BER1R3	BER1R4
Old Model	BIAJ-101	BIAJ-102	BIAJ-103	
Cycle Mode	Forced Convection			
Function				
--Temp. Range	RT+5-120°C			
--Temp. Resolution Ratio	0.1°C			
--Temp. Motion	±1°C			
--Temp. Uniformity	±1.0°C			
Structure				
--Inner Chamber	mirror stainless steel			
--Quter Shell	Cold rolling steel electrostatic spraying exterior			
--Insulation Layer	High quality foam board			
--Heater	Stainless steel electric heating tube			

--Power Rating	0.4kW	0.5kW	0.7kW	0.9kW
--Exhaust Hole	Φ35mm top(with function of test hole)			
Controller				
--Temp. Control Mode	Two temperature section intelligent PID			
--Temp. Setting Mode	Touch button setting			
--Temp. Display Mode	Measuring temperature: LCD upper screen; setting temperature: LCD lower row			
--Timer	0-9999min(with timing wait function)			
--Operation Function	Fixed temperature operation, fixed timing function, auto stop.			
--Additional Function	Digital Independent temp. limiter.4grades 3 speed ajustable speed fan. Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory			
--Sensor	PT100			
Safety Device	Over temp. sound-light alarm, Digital Independent temp. limiter			
Specification				
--Inner Chamber size(W*L*H)(mm)	310*310*310	350*350*350	400*360*450	450*420*450
--Exterior Size (W*L*H)(mm)	460*510*695	500*550*735	550*550*840	590*610*830
--Packing Size (W*L*H)(mm)	540*575*855	580*615*895	635*625*995	680*685*1000
--Volume	30L	45L	65L	85L
--Max. Shelf Number	5	6	8	
--Load Per rack	15kg			
--Shelf Space	40mm			
--Power Rating (50/60HZ)	220V/1.8A	220V/2.3A	220V/3.2A	220V/41A
--NW/GW (kg)	33/37	37/43	44/49	50/56
Accessory				
--Shelf	2			
--Shelf Frame	4			
Optional accessories	Shelf, U-disk storage, Printer, 3.5-inch color touch screen temperature controller.			
Alt Name	Constant-Temperature Incubator			
Model	BER1R5	BER1R6	BER1R7	BER1R8
Old Model	BIAJ-104	BIAJ-105		
Cycle Mode	Forced Convection			
Function				
--Temp. Range	RT+5-120℃			
--Temp. Resolution Ratio	0.1℃			
--Temp. Motion	±1℃			
--Temp. Uniformity	±1.0℃			
Structure				
--Inner Chamber	mirror stainless steel			
--Quter Shell	Cold rolling steel electrostatic spraying exterior			
--Insulation Layer	High quality foam board			
--Heater	Stainless steel electric heating tube			
--Power Rating	1.1kW	1.5kW	0.4kW	0.5kW
--Exhaust Hole	Φ35mm top(with function of test hole)			
Controller				
--Temp. Control Mode	Two temperature section intelligent PID			
--Temp. Setting Mode	Touch button setting			
--Temp. Display Mode	Measuring temperature: LCD upper screen; setting temperature: LCD lower row			

--Timer	0-9999min(with timing wait function)			
--Operation Function	Fixed temperature operation, fixed timing function, auto stop.			
--Additional Function	Digital Independent temp. limiter.4grades 3 speed ajustable speed fan. Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory	Digital Independent temp. Limiter. Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory	Digital Independent temp. limiter.4grades 3 speed ajustable speed fan. Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory	
--Sensor	PT100			
Safety Device	Over temp. sound-light alarm, Digital Independent temp. limiter			
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*510*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			
--Power Rating (50/60HZ)	220V/5A	220V/6.8A	220V/1.8A	220V/2.3A
--NW/GW (kg)	60/66	94/120	33/37	37/43
Accessory				
--Shelf	2			
--Shelf Frame	4			
Optional accessories	Shelf, U-disk storage, Printer, 3.5-inch color touch screen temperature controller.			
Alt Name	Constant-Temperature Incubator			
Model	BER1R9	BER1R10	BER1R11	BER1R12
Cycle Mode	Forced Convection			
Function				
--Temp. Range	RT+5-120℃			
--Temp. Resolution Ratio	0.1℃			
--Temp. Motion	±1℃			
--Temp. Uniformity	±1.0℃			
Structure				
--Inner Chamber	mirror stainless steel			
--Quter Shell	Cold rolling steel electrostatic spraying exterior			
--Insulation Layer	High quality foam board			
--Heater	Stainless steel electric heating tube			
--Power Rating	0.7kW	0.9kW	1.1kW	1.5kW
--Exhaust Hole	Φ35mm top(with function of test hole)			
Controller				
--Temp. Control Mode	Two temperature section intelligent PID			
--Temp. Setting Mode	Touch button setting			
--Temp. Display Mode	Measuring temperature: LCD upper screen; setting temperature: LCD lower row			
--Timer	0-9999min(with timing wait function)			
--Operation Function	Fixed temperature operation, fixed timing function, auto stop.			

--Additional Function	Digital Independent temp. limiter. 4 grades 3 speed adjustable speed fan. Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory			Digital Independent temp. limiter. Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory
--Sensor	PT100			
Safety Device	Over temp. sound-light alarm, Digital Independent temp. limiter			
Specification				
--Inner Chamber size(W*L*H)(mm)	400*360*450	450*420*450	500*450*550	600*500*750
--Exterior Size (W*L*H)(mm)	550*550*840	590*610*830	636*680*915	735*835*1115
--Packing Size (W*L*H)(mm)	635*625*995	680*685*1000	710*730*1100	857*885*1287
--Volume	65L	85L	125L	230L
--Max. Shelf Number	8		11	17
--Load Per rack	15kg			
--Shelf Space	40mm			
--Power Rating (50/60HZ)	220V/3.2A	220V/41A	220V/5A	220V/6.8A
--NW/GW (kg)	44/49	50/56	60/66	94/120
Accessory				
--Shelf	2			
--Shelf Frame	4			
Optional accessories	Shelf, U-disk storage, Printer, 3.5-inch color touch screen temperature controller.			
Alt Name	Constant-Temperature Incubator			



APPLICATIONS

High precision experimental bacterial incubator.

GENERAL PURPOSE INCUBATOR BER1Q1 TO BER1Q4

HIGH PRECISION CONSTANT TEMPERATURE INCUBATOR



1. The double door structure adopts high quality glass, easy to observe samples, the outdoor with magnetic strip is easy to be opened and closed, good sealing, open door power-off function.
2. Standard lights, UV lamps, with breeze circulation fan.
3. High precision digital independent temperature limiter.
4. With the function of cutting off UV lamp by open door.

SPECIFICATIONS

Model	BER1Q1	BER1Q2	BER1Q3	BER1Q4
Cycle Mode	Breeze circulation			
Function				
--Temp. Range	RT+5-70°C			
--Temp. Resolution Ratio	0.1°C			
--Temp. Motion	±0.5°C			
--Temp. Uniformity	±0.8°C			
Structure				
--Inner Chamber	mirror stainless steel			
--Quter Shell	Cold rolling steel electrostatic spraying exterior			
--Insulation Layer	High quality foam board			
--Heater	Mica electrothermal film			
--Power Rating	0.35kW	0.45kW	0.6kW	0.7kW
--Exhaust Hole	Φ35mm top(with function of test hole)			
Controller				
--Temp. Control Mode	PID Intelligent			
--Temp. Setting Mode	Touch button setting			
--Temp. Display Mode	Digital temperature: LCD upper row; Setting temperature: the lower row			
--Timer	0-9999min (with timing wait function)			
--Operation Function	Fixed temperature operation,timing function,auto stop.			
--Additional Function	Breeze Circulation fan,UV lamp,LED Floodlight, Sensor deviation correction, temperature overshoot self-tuning,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)	350*350*350	400*350*450	500*450*550	600*580*600
--Exterior Size (W*L*H)(mm)	525*480*640	575*480*740	675*580*840	775*710*890
--Packing Size (W*L*H)(mm)	595*562*795	645*562*885	745*662*990	845*792*1040
--Volume	45L	65L	125L	210L
--Max. Shelf Number	7	10	13	14

--Load Per rack	15kg			
--Shelf Space	35mm			
--Power Rating (50/60HZ)	AC220V/1.6A	AC220V/2.0A	AC220V/2.7A	AC220V/3.2A
--NW/GW (kg)	27/40	32/45	45/60	55/70
Accessory				
--Shelf	2			
--Shelf Frame	4			
Optional accessories	Spare shelf, Port, USB data storage			
Alt Name	High Precision Constant Temperature Incubator			



APPLICATIONS

High precision bacterial microbial incubator.

GENERAL PURPOSE INCUBATOR BEV1L1 BEV1L2 BEV1L3

THERMOSTATIC INCUBATOR



Precision LCD microcomputer PID control system, or digital PID controller, timing and over-temperature alarm .
 With standard international brands cooling fan, maintenance - free, durability.
 Perfect combination of duct design to ensure temperature uniformity for the working chamber.
 Mirror stainless steel inner, anti-acid, anti-corrosion characteristics.
 The corner semicircular is easy to clean, up and down pitch adjustable shelf.
 Electric film heating elements made of carbon fiber, with advanced cavity preheating, the cavity temperature to reduce temperature fluctuations.
 Modern high-class laboratories recommend a suitable culture temperature environment with higher requirements for users.
 Stainless steel liner

SPECIFICATIONS

Model	BEV1L1	BEV1L2	BEV1L3
Old Model	BIGP-401	BIGP-402	BIGP-403
Voltage (V)	220		
Temp range (°C)	RT+5~65		
Accuracy (°C)	±0.1		
Timing range (min)	0~999		
Fluctuation (%)	±0.5		
Power (KW)	0.3		0.45
Inner volume (L)	50	80	160
Inner size (mm) (H*W*D)	380x380x350	480x480x350	600x600x450

Overall dimension (mm) (H*W*D)	580x530x600	680x630x600	800x750x700
Packing size (mm) (H*W*D)	700x610x680	800x710x680	920x930x780
Net weight (KG)	40	60	80
C: digital display			
Alt Name	high accuracy,muti-sides preheating		

ACCESSORIES FOR PURCHASE

No	Name
1	Portable printer
2	Programmable multi-stage controller
3	Software
4	Individual temperature limit

FEATURES

Precision LCD microcomputer PID control system,or digital PID controller, timing and over-temperature alarm .

With standard international brands cooling fan, maintenance - free, durability. Perfect combination of duct design to ensure temperature uniformity for the working chamber.

Mirror stainless steel inner, anti-acid, anti-corrosion characteristics.

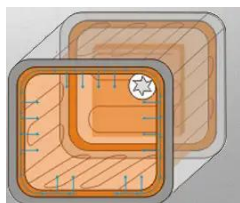
The corner semicircular is easy to clean, up and down pitch adjustable shelf.

Electric film heating elements made of carbon fiber,with advanced cavity preheating,the cavity temperature to reduce temperature fluctuations.

Modern high-class laboratories recommend a suitable culture temperature environment with higher requirements for users.



Stainless steel liner



Hot air circulation system

APPLICATIONS

Applies to such as cultivation of microorganisms industries, the necessary equipment for health care, biotechnology, agriculture and scientific experiments.

GENERAL PURPOSE INCUBATOR BGI1P1 TO BGI1P5

HEATING INCUBATOR



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 easy to identify problems.
- There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature measurement.
- Programmable controller: 7 periods 63 steps, 0 ~ 5999mins for each periods, fan speed 0

SPECIFICATIONS

Model	BGI1P1	BGI1P2	BGI1P3	BGI1P4	BGI1P5
Old Model	BIGP-7701	BIGP-7702	BIGP-7703	BIGP-7704	BIGP-7705
Electrical Requirement	220V 50HZ				
Controller	LCD Programmable controller				
Temperature Range	RT+5°C ~80°C				
Display Resolution	0.1°C				
Temperature Stability	±0.2°C				
Temperature Uniformity	±1.5(at 37°C)				
Ambient Temperature	+5~35°C				
Power Consumption	250W		500W	600W	1200W
Interior Dimension(WxDxH)mm	350x300x400	400x320x550	500x380x750	600x450x900	1000x510x800
Exterior Dimension(WxDxH)mm	505x635x600	550x660x750	655x715x980	755x785x1130	1140x850x1080
Shelves	2(pcs)				
Timing Range	0~5999min				
Remark	without observation window	observation window			
Alt Name	Heating Incubator				

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 easy to identify problems.
- There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature measurement.
- Programmable controller: 7 periods 63 steps, 0 ~ 5999mins for each periods, 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)

Options:

- Printer
- USB data collect
- RS485 connector
- UV Sterilizer

GENERAL PURPOSE INCUBATOR BGI2F9 TO BGI2F18

HEATING INCUBATOR

Heating Incubator - natural convection:

The heating incubator provides stable and controllable temperature environment through precise temperature control. It adopts natural convection mode, stable airflow and small temperature fluctuation. It is widely used in bacterial culture, fermentation, breeding, constant temperature culture and other tests.

Heating Incubator - forced convection:

The heating incubator provides stable and controllable temperature environment through precise temperature control. It adopts forced convection mode, full airflow exchange, good temperature uniformity and small fluctuation. It is widely used in bacterial culture, fermentation, breeding, constant temperature culture and other tests.



Intelligent:

It provides two options: colorful touch screen controller and LCD controller. It is easy to operate. (Professional type LCD controller)

With preset power on, standby and shutdown functions.

Parameters such as multi-stage temperature, circulating wind speed, time and heating rate can be set and programmed at the same time, simplifying the complicated test process and realizing automatic control and operation.

Specialization:

Tested and manufactured using the international DIN-12880-2007 standard.

Provide professional temperature control, high temperature control accuracy and small temperature uniformity error.

The sample can be viewed through the internal glass door without affecting the t

SPECIFICATIONS

Model	BGI2F9	BGI2F10	BGI2F11	BGI2F12	BGI2F13
Old Model	BIGP-6401	BIGP-6402	BIGP-6403	BIGP-6404	BIGP-6405
Type	Touch screen				
Capacity (L)	35L	67L	146L	253L	420L
Temp Range	RT+5 - 80°C				
Stability	±0.2°C				
Uniformity (at 37°C)	±0.8°C				
Display Resolution	0.1°C				
Max number of shelves	2(5)	2(9)	2(12)	2(16)	2(23)
Max load per shelf	20Kg				
NW	48Kg	56Kg	82Kg	119Kg	160Kg
Timing Range	1 - 5999mins				
Interior Dimension WxDxH (mm)	320x390x320	400x395x415	520x510x530	650x600x650	1000x530x800
Exterior Dimension WxDxH (mm)	610x550x545	690x560x640	810x685x755	940x755x875	1285x750x980
Electrical Requirement	AC220V/50Hz				
Power Consumption	300W	350W	600W	700W	1000W

Alt Name	Heating Air forced Incubator				
Model	BGI2F14	BGI2F15	BGI2F16	BGI2F17	BGI2F18
Old Model	BIGP-6501	BIGP-6502	BIGP-6503	BIGP-6504	BIGP-6505
Type	LCD Controller				
Capacity (L)	35L	67L	146L	253L	420L
Temp Range	RT+5 - 80°C				
Stability	±0.2°C				
Uniformity (at 37°C)	±0.8°C				
Display Resolution	0.1°C				
Max number of shelves	2(5)	2(9)	2(12)	2(16)	2(23)
Max load per shelf	20Kg				
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Electrical Requirement	AC220V/50Hz				
Power Consumption	300W	350W	600W	700W	1000W
Alt Name	Heating Air forced Incubator				



BGI2F9 BGI2F10 BGI2F11 BGI2F12 BGI2F14 BGI2F15 BGI2F16 BGI2F17
BGI2F13 BGI2F18

FEATURES

Intelligent:

It provides two options: colorful touch screen controller and LCD controller. It is easy to operate. (Professional type LCD controller)
With preset power on, standby and shutdown functions.

Parameters such as multi-stage temperature, circulating wind speed, time and heating rate can be set and programmed at the same time, simplifying the complicated test process and realizing automatic control and operation.

Specialization:

Tested and manufactured using the international DIN-12880-2007 standard.

Provide professional temperature control, high temperature control accuracy and small temperature uniformity error.

The sample can be viewed through the internal glass door without affecting the temperature inside the box (option)

Stackable to save lab space.

Flexible shelf design for efficient use of interior space.

Safety:

Protection of equipment: The second set of temperature limit alarm system conforms to international standards. When the heating is out of control or exceeds the maximum limit temperature, the heating is automatically cut off, and the sound and light alarm reminds the operator. Ensure that the equipment operates safely without accidents.

Protection of key components: The key electrical components are equipped with over-current, over-temperature, overload and other safety protection to prevent accidental equipment.

Protection of the sample: When the temperature inside the box is higher or lower than the set temperature, the alarm will start to cut off the heater, and the sound and light will remind the operator to protect the sample from normal test without accident.

Protection for users: The cabinet and door are specially insulated to make the surface temperature of the cabinet low, ensuring the

operator's safety and no accidents.

Provide fault information: When the device fails, the display will display fault information to ensure that the fault information is clear at a glance.

Humanized design:

Adopting direct heating system, the heating speed is fast and the control precision is high.

PID control technology, high control precision and small temperature fluctuation.

Available in Chinese and English menus to meet different language needs, with °C/°F conversion.

The height of the shelf is adjustable to meet different cultivation needs.

Professional stacking: Tool design, the machine can be stacked, saving lab space and improving the use efficiency (same specification).

Convenient data processing:

The touch screen type standard with a USB Interface, which can record the change status of the temperature parameters. The LCD screen is option for USB Interface.

It can be equipped with RS232 data Interface, which can realize remote control of the machine through software (option).

RS-232 and USB can be selected one of them.

Safety:

Protection on Instruments: Comply International standard secondary temp limiting alarm system. When the heating is out of control or exceeds the maximum limit temperature, the heating is automatically cut off with sound and light alarm, ensure operating is safe without any accident.

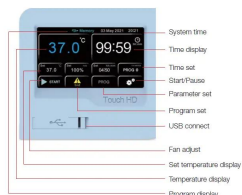
Protection on key components: Key components are equipped with over-current, over-temperature, overload and other safety protection to prevent accident.

Protection on samples: When the temperature inside the box is higher or lower than the set temperature, the alarm will start to cut off the heater, with sound and light alarm to remind the operator to protect the sample from normal test without accident.

Protection on operator: The cabinet and door are specially insulated to make the surface temperature of the cabinet low, ensuring the operator's safety and no accidents.

Breakdown message provided: When the instrument breakdown, the message will show on the screen to help operator clearly check.

Colorful intelligent touch screen:



Advanced Color Intelligent Touch Screen Control

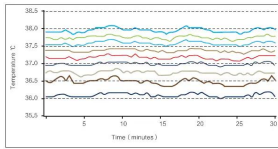
1. 4.3 inch touch screen, intelligent touch control, real-time display of parameters, simple and convenient operation.
2. Quick setting of temperature, time and other parameters can be carried out.
3. It has the function of program setting. It can be programmed in 7 segments, 63 steps, 9 steps and 1-99 hours and 59 minutes per segment.
4. With touch screen automatic locking function to prevent non-related personnel from disoperation.



Professional LCD Controller

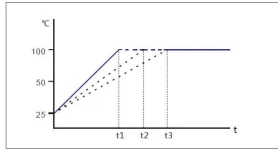
1. Intelligent program control with high brightness LCD screen, button operation and real-time display of parameters.
2. Quick setting of temperature, time and other parameters can be carried out.
3. It has the function of program setting. It can be programmed in 7 segments, 63 steps, 9 steps and 1-99 hours and 59 minutes per segment.

Precise temperature control:

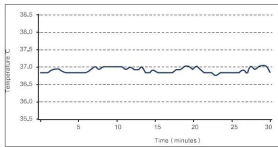


The uniformity of the temperature inside the incubator chamber is $\leq \pm 10$ degree, so that all samples are heated evenly.

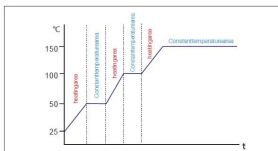
Note: The stability and uniformity are the result under steady state.



Program control mode, linear temperature rise control.



Temperature fluctuation inside the incubator chamber is ± 0.2 degree, which ensures the stability of the experiment.



Program control mode, Step heating control.



Professional duct design:

With a unique duct design, the use of large impeller fans, fast temperature rise and fall, stable temperature control, good temperature uniformity.

The circulating fan has adjustable speed, middle and low grades, so as to avoid the volatilization of samples due to excessive air flow during the test.

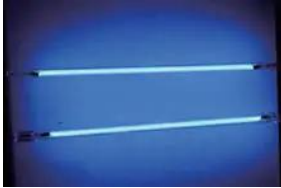
Famous brand fan, high efficiency, low noise, energy saving and environmental protection.



Stainless steel inner liner:

304 stainless steel, mirror polishing, strong anti-corruption ability.

Large arc angle design, no dead angle, easy cleaning and maintenance.



Ultraviolet sterilization system (option)

Ultraviolet lamp is located on the upper wall of the box body. It can disinfect the box body regularly and kill the plankton bacteria in the circulating air of the box body effectively so as to prevent the pollution during cell culture.



No overturning system:

Wire shelves with no overturning system to always operate safely.



Temperature test hole:

External detection sensor can real-time detect the temperature inside the box through the test hole to ensure that the temperature inside the box is accurate and reliable.



Temperature limit alarm system:

When the temperature control system is out of control and the temperature exceeds the limit temperature, the heating is automatically interrupted to ensure the safety of testing.



Sample temperature sensor (optional):

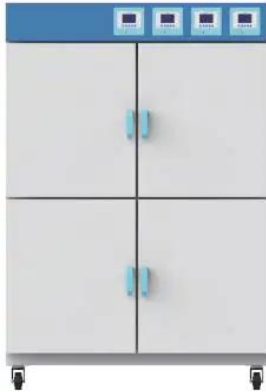
Optional sample temperature sensor, real-time detection of sample temperature, so that the temperature is more real and reliable.

Double Convection Model:

Fan power can be adjusted from 0% (equivalent to natural convection) - 100% four gears, which can meet the training requirements of different airflow.

GENERAL PURPOSE INCUBATOR BGI1R1 BGI1R2

TWO & FOUR CHAMBERS HEATING INCUBATOR



- Two or four chambers are available, effectively saving laboratory space
- Each chamber is independently controlled, without mutual interference, precise and stable temperature control;
- 304 stainless steel inside , easy to clean and maintain
- Natural heating convection ,no noise, avoiding evaporation of samples during the test.
- With inner glass door for easy observation
- PID controller, accurate temperature control with small fluctuation, with timer function of time 99 hours and 59 minutes.
- Independent over-temperature alarm system ensures experiments running safely.(option)

SPECIFICATIONS

Model	BGI1R1	BGI1R2
Voltage	AC220V 50HZ	
Temp Range	RT+5~65°C	
Display Resolution	0.1°C	
Temp Stability	±0.5°C	
Ambient Temperature	+5~35°C	
Power Consumption	1200W	1500W
Chamber Volume	150Lx2	100Lx4
Interior Dimension (WxDxH)mm	560x530x600 /Chamber	455x430x510 /Chamber
External Dimension (WxDxH)mm	705x740x1800	1220x616x1620
Shelves	2PCS (each chamber)	
Alt Name	Two Chambers Heating Incubator	Four Chambers Heating Incubator

GENERAL PURPOSE INCUBATOR BEV1F1 TO BEV1F6

INCUBATOR

Widely used in scientific research, pharmaceutical, foodstuff, materials science, cosmetics, tobacco, microbe, chemical industry, electronics and other fields.

A constant temperature and humidity chamber/mold incubator can provide a stable temperature and humidity environment, simulate various climatic conditions, especially used in samples tests, shelf life tests, long-term experiments and cultivation of plants, seeds and microorganisms.

According to Chinese pharmacopoeia requirements, AS3100 of Australia, FDA of the United States, EN, ICH and other related standards. For long-term acceleration experiments and forced degradation experiments.

IQ, OQ, PQ and other related certification services.

CE certification. Two-year warranty period.



Refrigeration Technology

World famous compressor: balanced refrigeration technology, auto defrost, multiple security system, long time running, environmental protection, high efficiency and energy saving.

Auto-defrost function: original rapid heat pump defrost technology, for continuous operation, effectively prevent frost because of continuous operation of evaporator. Refrigeration effect manual control system: meet customer's terrible work environment.

Imported DuPont SUVA R134a environmental refrigerant. For cleaner world, for better work condition.

To save energy, to reduce the cost.

SPECIFICATIONS

Model	BEV1F1	BEV1F2	BEV1F3
Old Model	BIGP-611	BIGP-612	BIGP-613
Convection mode	Forced-convection		
Control mode	30 Programmable PID Control System		
Temperature range (°C)	0~65°C		
Humidity range	40~95%RH		
Temp. resolution (°C)	0.1		
Temp. fluctuation (°C) (10-40°C)	±0.5		
Humidity fluctuation (RH)	±2		
Timing range	0~99Hour, Or 0~9999min		
Running environment	environment temp.10-30; relative humidity below 70%		
Heat insulator material	imported environmental protection material		
Material of internal surface	SUS304 Interior steel materials		
Power voltage	Single phase AC220V/50Hz		
Sterilization function	-		
Temp. uniformity (°C) 10-40°C	±1		±1.5
External dimension (mm) (HxWxD)	1410x650x680	1730x650x740	1700x745x930
Liner dimension (mm) (HxWxD)	757x508x389	1088x508x449	1052x601x639
Liner volume (L)	150	250	400
Shelves	3	4	
Rated power (W)	1080	1100	1350
Net weight (KG)	107.5	136	158.5
Gross weight (KG)	133	162.5	188
Package size (mm) (HxWxD)	1605x760x830	1935x760x890	1907x815x1090

Alt Name	Constant Temperature And Humidity Chamber		
Model	BEV1F4	BEV1F5	BEV1F6
Old Model	BOHA-317	BOHA-318	BOHA-319
Convection mode	Forced-convection		
Control mode	30 Programmable PID Control System		
Temperature range (°C)	0~65°C		
Humidity range	40~95%RH		
Temp. resolution (°C)	0.1		
Temp. fluctuation (°C) (10-40°C)	±0.5		
Humidity fluctuation (RH)	±2		
Timing range	0~99Hour, Or 0~9999min		
Running environment	environment temp.10-30; relative humidity below 70%		
Heat insulator material	imported environmental protection material		
Material of internal surface	SUS304 Interior steel materials		
Power voltage	Single phase AC220V/50Hz		
Sterilization function	with		
Temp. uniformity (°C) 10-40°C	±1		±1.5
External dimension (mm) (HxWxD)	1410x650x680	1730x650x740	1700x745x930
Liner dimension (mm) (HxWxD)	757x508x389	1088x508x449	1052x601x639
Liner volume (L)	150	250	400
Shelves	3	4	
Rated power (W)	1080	1100	1350
Net weight (KG)	107.5	136	158.5
Gross weight (KG)	133	162.5	188
Package size (mm) (HxWxD)	1605x760x830	1935x760x890	1907x815x1090
Alt Name	Mold Incubator		



ACCESSORIES FOR PURCHASE

No	Name
1	Portable printer
2	Touch LCD controller
3	Gas Interface
4	Built-in power supply interface
5	Programmable software

FEATURES

Refrigeration Technology

World famous compressor: balanced refrigeration technology, auto defrost, multiple security system, long time running, environmental protection, high efficiency and energy saving.

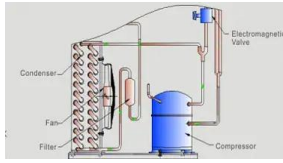
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continuous operation of evaporator.

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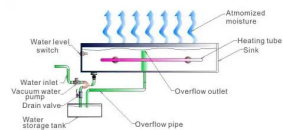


Humidification System

Original design of humidification system, prevent disadvantages (non uniformity, instability) of traditional atomizer design.

Automatic water intake, automatic water level control, ensure the precision of humidity control.

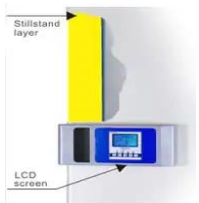
Stainless steel SUS304 internal surface and water tank, ensure the quality of atomization and uses persistent.



Efficient Isolation Design

Double-layer isolation design, reduce power consumption, environmental protection concept, energy conservation.

Internal isolated door design, easy observation of working room samples, keep temperature stable in the working room.



Excellent imported temperature and humidity sensor

Imported industrial sensor PT100, short response time, low self-heating temperature.

Imported humidity sensor, aerospace material, no maintenance, precise humidity control level.



Pt100temperature sensor



Precise humidity sensor

Programmable PID Control

Integrated dot-matrix LCD display, Chinese and English subtitles, all the parameters display clearly at a glance. friendly design, display parameters: temperature, humidity, cycle, run time, run/stop.

Adaptive PID controllers precisely control the temperature and humidity, prevent temperature soaring, keep the working room temperature stable and uniform.

User password protection, built-in multifunctional memory menu, connect to multiple devices (up to 16 units) by RS485 interface, real-time monitoring.

Programmable multi-sections control, to meet customer needs, temperature and humidity control up to 30 sets. Time setting: 0~99h, 0~9999m, programs can be executed automatically.

Set operations with beep tips

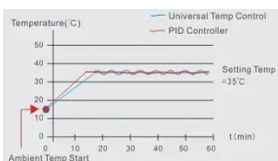
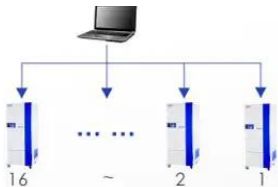
Remote-controlled operation, with programmable software (option). Bacteria-free culture with UV disinfection (meet Mold incubator)



Software Monitor



Micro-computer intelligent controller



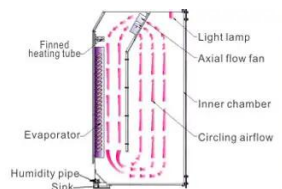
LCD screen display working state



Perfect Air Current Cycling

Air current cycling: perfect forced convection, maximum samples number of working room, minimum temperature recovery time after opening, world famous axial fan, perfect air current design, ensure an ideal result of samples culture.

Air current cycling: keep temperature continuous and stable, keep humidity continuous and stable, ensure perfect sample culture environment.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com