BioLAB

PLANT GROWTH CHAMBER

PLANT GROWTH CHAMBER BGI1BJ1 TO BGI1BJ13

PLANT GROWTH CHAMBER

Microprocessor controller (with timing function)
• Microprocessor controller for temperature and humidity ensures of precise and reliable control.
• Simulate changing temperature and light in day/night
• Independent temperature-limiting alarm system ensures experiments run safely.
• Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable.
• Even air circulation
• Imported compressor
• RS485 connector is option which can connect computer to record the parameters and the variations of temperature.(option)
Options:

SPECIFICATIONS

Model	BGI1BJ1	BGI1BJ3	BGI1BJ4	BGI1BJ5
Old Model	BCPG-1701	BCPG-1703	BCPG-1704	BCPG-1705
Chamber Volume	300L		450L	
Electrical Requirement	220V 50HZ			
Power Consumption	1200W	1450W	2000W	
Temperature Range	With Lighting: 10~50℃Without lighting: 4~50℃			
Display Resolution	0.1℃			
Temperature Stability	±1℃			
Temperature Uniformity	±2℃			
Ambient Temperature	+5~30℃			
Humidity Range	-			
Humidity Accuracy	-			
Continuous Working Time	No less than 180h			
Lighting Intensity	0~15000LXSix-grade adjustable	0~20000LXSix-grade adjustable	0~25000LXSix-grade adjustable	
Lighting Type	Two surface Illumination		Three surface Illumination	
Interior Dimension (WxDxH,mm)	520x550x1140		700x550x1140	
Exterior Dimension (WxDxH,mm)	830x850x1850		950x850x1850	
Shelves	3(PCS)			
Alt Name	Without humidity control			

Model	BGI1BJ6	BGI1BJ8	BGI1BJ9
Old Model	BCPG-1706	BCPG-1801	BCPG-1802
Chamber Volume	800L	300L	
Electrical Requirement	220V 50HZ		
Power Consumption	2700W	1500W	
Temperature Range	With Lighting: 10~50℃Without lighting: 4~50℃		
Display Resolution	0.1℃		
Temperature Stability	±1℃		
Temperature Uniformity	±2℃		
Ambient Temperature	+5~30℃		

Humidity Range	-	50~90%RH
Humidity Accuracy	-	±5~7%RH
Continuous Working Time	No less than 180h	
Lighting Intensity	0~30000LXSix-grade adjustable	0~20000LXSix-grade adjustable
Lighting Type	Shelves Illumination (two Shelves)	Three surface Illumination
Interior Dimension (WxDxH,mm)	800x590x1650	520x550x1140
Exterior Dimension (WxDxH,mm)	1475x890x1780	830x850x1850
Shelves	3(PCS)	
Alt Name	Without humidity control	With humidity control

Model	BGI1BJ10	BGI1BJ11	BGI1BJ12	BGI1BJ13
Old Model	BCPG-1803	BCPG-1804	BCPG-1805	BCPG-1806
Chamber Volume	450L		800L	
Electrical Requirement	220V 50HZ			
Power Consumption	2050W		2800W	
Temperature Range	With Lighting: 10~50℃Without lighting: 4~50℃			
Display Resolution	0.1℃			
Temperature Stability	±1℃			
Temperature Uniformity	±2℃			
Ambient Temperature	+5~30℃			
Humidity Range	50~90%RH			
Humidity Accuracy	±5~7%RH			
Continuous Working Time	No less than 180h			
Lighting Intensity	0~25000LXSix-grade adjustable		0~30000LXSix-grade adjustable	
Lighting Type	Three surface Illumination		Shelves Illumination (two Shelves)	
Interior Dimension (WxDxH,mm)	700x550x1140		965x580x1430	
Exterior Dimension (WxDxH,mm)	950x850x1850		1475x890x1780	
Shelves	3(PCS)			
Alt Name	With humidity control			

FEATURES

Microprocessor controller (with timing function)
• Microprocessor controller for temperature and humidity ensures of precise and reliable control.
• Simulate changing temperature and light in day/night
• Independent temperature-limiting alarm system ensures experiments run safely.
• Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable.
• Even air circulation
• Imported compressor
• RS485 connector is option which can connect computer to record the parameters and the variations of temperature.(option)

Options:
• RS485 connector
• CO2 inlet
• CO2 controller (imported IR CO2 sensor)

APPLICATIONS

• Widely applied in cultivation of biological histolytica, seed gemmating, breeding test, plant cultivation and feeding of insects and beasties. The incubators can simulate different climatic conditions accurately

PLANT GROWTH CHAMBER BGI1BK1 TO BGI1BK10

PLANT GROWTH CHAMBER

Microprocessor controller (with timing function)
• Microprocessor controller for temperature and humidity and light intensity, 30 programs
• Large LCD screen
• Simulate changing temperature and light in day/night
• Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable.
• R134a refrigerant, two imported compressors, continuous running time
• Independent temperature-limiting alarm system ensures experiments run safely.(option)
• RS485 connector is option which can connect computer to record the parameters and them variations of temperature.(option)

SPECIFICATIONS

Model	BGI1BK1	BGI1BK2	BGI1BK3	BGI1BK4
Old Model	BCPG-1902	BCPG-1903	BCPG-1904	BCPG-1905
Chamber Volume	300L	450L	300L	450L
Temperature Range	Without Lighting: 0~50℃ , With lighting: 10~50℃			
Display Resolution	0.1℃			
Temperature Stability	±1℃			
Temperature Uniformity	±1.5℃			
Humidity Range	/		50~90%RH	
Humidity Accuracy	/		±5~7%RH	
Lighting Intensity	0~20000LX0~25000LXSix-grade adjustable			
Lighting Type	Three surface Illumination			
Programmer Function	Temperature, humidity, light intensity can be set separately, and 30 programmersTime range is 1~99 hours 59 mins for each programmer			
Power Consumption	1700W	2000W	1700W	2050W
Electrical Requirement	220V 50Hz			
Ambient Temperature	RT+5~30℃			
Interior Dimension(WxDxH,mm)	520x550x1140	700x550x1140	520x550x1140	700x550x1140
Exterior Dimension(WxDxH,mm)	830x850x1850	950x850x1850	830x850x1850	950x850x1850
Shelves	3(PCS)			
Alt Name	Plant Growth Chamber			

Model	BGI1BK5	BGI1BK6	BGI1BK7	BGI1BK8
Old Model	BCPG-1906	BCPG-1907	BCPG-1908	BCPG-1909
Chamber Volume	800L	1000L	800L	1000L
Temperature Range	Without Lighting: 0~50℃ , With lighting: 10~50℃			
Display Resolution	0.1℃			
Temperature Stability	±1℃			
Temperature Uniformity	±2℃			
Humidity Range	/		50~90%RH	
Humidity Accuracy	/		±5~7%RH	
Lighting Intensity	0~30000LX0~35000LXSix-grade adjustable			

Lighting Type	Shelves Illumination (two Shelves)		
Programmer Function	Temperature, humidity, light intensity can be set separately, and 30 programmersTime range is 1~99 hours 59 mins for each programmer		
Power Consumption	2700W	2800W	2900W
Electrical Requirement	220V 50Hz		
Ambient Temperature	RT+5~30℃		
Interior Dimension(WxDxH,mm)	800x590x1650	1050x590x1650	800x590x1650 / 1050x590x1650
Exterior Dimension(WxDxH,mm)	1410x890x1950	1475x890x1950	
Shelves	3(PCS)		
Alt Name	Plant Growth Chamber		

Model	BGI1BK9	BGI1BK10
Chamber Volume	1500L	
Temperature Range	Without Lighting: 0~50℃ , With lighting: 10~50℃	
Display Resolution	0.1℃	
Temperature Stability	±1℃	
Temperature Uniformity	±2℃	
Humidity Range	/	50~90%RH
Humidity Accuracy	/	±5~7%RH
Lighting Intensity	0~40000LXSix-grade adjustable	
Lighting Type	Shelves Illumination (two Shelves)	
Programmer Function	Temperature, humidity, light intensity can be set separately, and 30 programmersTime range is 1~99 hours 59 mins for each programmer	
Power Consumption	4300W	4500W
Electrical Requirement	220V 50Hz	
Ambient Temperature	RT+5~30℃	
Interior Dimension(WxDxH,mm)	1550x590x1650	
Exterior Dimension(WxDxH,mm)	1570x1475x2050	
Shelves	3(PCS)	
Alt Name	Plant Growth Chamber	

FEATURES

Microprocessor controller (with timing function)
• Microprocessor controller for temperature and humidity and light intensity, 30 programs
• Large LCD screen
• Simulate changing temperature and light in day/night
• Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable.
• R134a refrigerant, two imported compressors, continuous running time
• Independent temperature-limiting alarm system ensures experiments run safely.(option)
• RS485 connector is option which can connect computer to record the parameters and them variations of temperature.(option)

Options:
• RS485 connector
• CO2 inlet
• CO2 controller (imported IR CO2 sensor)