Bluepard Instruments Co., Ltd.
Suzhou Being Medical Device Co., Ltd.

Plant Growth Chamber

Microprocessor controller (with timing function)

Features:

●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 the variations of temperature.(option)

Specifications

Model / Parameter	MGC-250BP-2	MGC-350BP-2 MGC-450BP-2	MGC-350HP-2 MGC-450HP-2	MGC-800BP-2 MGC-1000BP-2	MGC-800HP-2 MGC-1000HP-2
Chamber Volume	250L	300L/450L		800L/1000L	
Temperature Range	With Lighting:10~50℃ Without lighting:0~50℃				
Display Resolution	0.1℃				
Temperature Stability	±1℃				
Temperature Uniformity	±1.5℃			±2℃	
Humidity Range	BP-2: no humiditycontroller HP-2: 50~90%RH				
Humidity Accuracy	BP-2: no humiditycontroller HP-2: ±5~7%RH				
Lighting Intensity	0~12000LX	0~20000LX/0~25000LX		0~30000LX/0~35000LX	
Lighting Type	Shelves illumination	Three surface illumination		Shelves illumination(two Shelves)	
Programmer Function	Temperature, humidity, light intensity, can be set separately, and 30 programmers Time range is 1-59 hours for each programmer				
Power Consumption	1700W	1700W/2000W	1700W/2050W	3700W/3800W	
Electrical Requirement	220V 50HZ			380V 50HZ	
Ambient Temperature	RT+5~30℃				
Interior Dimension(W×D×H) mm	580×510×835	520×550×1140/700×550×1140		965×580×1430/900×580×1600	
ExteriorDimension(W×D×H)mm	725×740×1550	830×850×1850/950×850×1850		1475×890×1780/1410×890×1950	
Shelves	3(PCS)				

Options:

* CO_2 inlet
. CO_2 controller (imported IR CO_2 sensor)

. RS485 connector