

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)



MGC-250BP-2

Specifications

Parameter	Model	MGC-350BP-2 MGC-450BP-2	MGC-350HP-2 MGC-450HP-2	MGC-800BP-2 MGC-1000BP-2	MGC-800HP-2 MGC-1000HP-2	MGC-1500BP-2	MGC-1500HP-2
Chamber Volume		300L/450L		800L/1000L		1500L	
Temperature Range		Without Lighting: 0~50℃ , With lighting: 10~50℃					
Display Resolution		0.1℃					
Temperature Stability		±1℃					
Temperature Uniformity		±1.5℃		±2℃		±2℃	
Humidity Range			50~90%RH	-	50~90%RH	-	50~90%RH
Humidity Accuracy			±5~7%RH	-	±5~7%RH	-	±5~7%RH
Lighting Intensity		0~20000LX 0~25000LX Six -grade adjustable		0~30000LX 0~35000LX Six -grade adjustable		0~40000LX Six -grade adjustable	
Lighting Type		Three surface illumination		Shelves illumination(two Shelves)		Shelves illumination(two Shelves)	
Programmer Function		Temperature, humidity, light intensity, can be set separately, and 30 programmers Time range is 1-99 hours 59mins for each programmer					
Power Consumption		1700W/2000W	1700W/2050W	2700W/2800W	2800W/2900W	4300W	4500W
Electrical Requirement		220V 50HZ					
Ambient Temperature		RT+5~30℃					
Interior Dimension(W×D×H) mm		520×550×1140/700×550×1140		800×590×1650/1050×590×1650		1550×590×1650	
ExteriorDimension(W×D×H)mm		830×850×1850/950×850×1850		1410×890×1950/1475×890×1950		1570×1475×2050	
Shelves		3(PCS)					

Options

- RS485 connector



- CO₂ inlet
- CO₂ controller (imported IR CO₂ sensor)