

## Microprocessor controller (with timing function)

### Summary

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

### Features

- 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)



### Specifications

Model	Without humidity control				With humidity control		
	MGC-300A	MGC-300B MGC-350BP	MGC-400B MGC-450BP	MGC-800B MGC-800BP	MGC-300H MGC-350HP	MGC-400H MGC-450HP	MGC-800H MGC-850HP
Chamber Volume	300L	300L	450L	800L	300L	450L	800L
Electrical Requirement	220V 50HZ						
Power Consumption	1200W	1450W	2000W	2700W	1500W	2050W	2800W
Temperature Range	With Lighting: 10~50°C Without lighting: 4~50°C						
Display Resolution	0.1°C						
Temperature Stability	±1°C						
Temperature Uniformity	±2°C						
Ambient Temperature	+5~30°C						
Humidity Range	-				50~90%RH		
Humidity Accuracy	-				±5~7%RH		
Continuous Working Time	No less than 180h				No less than 180h		
Lighting Intensity	0~15000LX Six-grade adjustable	0~20000LX Six-grade adjustable	0~25000LX Six-grade adjustable	0~30000LX Six-grade adjustable	0~20000LX Six-grade adjustable	0~25000LX Six-grade adjustable	0~30000LX Six-grade adjustable
Lighting Type	Two surface illumination	Three surface illumination		Shelves illumination (two Shelves)	Three surface illumination		Shelves illumination (two Shelves)
Interior Dimension (W×D×H)mm	520×550×1140		700×550×1140	800×590×1650	520×550×1140	700×550×1140	965×580×1430
Exterior Dimension (W×D×H)mm	830×850×1850		950×850×1850	1475×890×1780	830×850×1850	950×850×1850	1475×890×1780
Shelves	3(PCS)						

"P":programming

### Options

- RS485 connector



- CO<sub>2</sub> inlet
- CO<sub>2</sub> controller (imported IR CO<sub>2</sub> sensor)