



# GROWTH CHAMBER



DK-GC 001



Open Feature



DK-GC 020



Controller

## General Features

- Controllable temperature, humidity, illumination and CO<sub>2</sub> optional.
- Digital PID controller and time controller for 24 hours continuous working.
- Microprocessor digital PID humidity sensor and controller to control humidity of 35-95%.
- High efficiency light source, illumination of 25000 lux.
- Top light source to increase the light efficiency.

## Specification

Model	DK-GC 001	DK-GC 010	DK-GC 020
Demension(IN)	750 x 650 x 1200(H)mm	1000 x 800 x 1000(H)mm	1400 x 800 x 1200(H)mm
Demension(OUT)	930 x 940 x 1950(H)mm	1390 x 1080 x 1800(H)mm	1800 x 1080 x 2000(H)mm
Capacity / Shelves	588Liter / 4EA	800Liter / 6EA	1344Liter / 8EA
Light source	HID x 2EA, F.L x 4EA	HID x 3EA, F.L x 4EA	HID x 4EA, F.L x 6EA
Illumination	28000LUX	25000LUX	25000LUX
Temp. control	Day & Light program digital PID controller		
Temp. Range/Accuracy	0℃~60℃(Light On:10℃~60℃)/ ±0.2℃ at 25℃		
Humidity control	Micro-processor digital PID humid. Controller		
Humidity Range/Sensor	35~95% RH/ Electronic ceramic sensor(Light on : 35~85% RH)		
Humidifier	Evaporation By Motor		
Illumination control	Day & night photoperiod control, Exclusive S/W		
Material(IN)/(OUT)	Stainless Steel SUS304 Polishing Plate / SCP-1 Steel Plate Powder Coating		
Door	Silicon Packing Door with Window		
Safety device	Water Level Monitor, Power Breaker		
Power (110V, 220~240V, 50/60Hz)	4Kw	5Kw	6.5Kw

## Option

- 10 Steps Program Control.(Temperature & Humidity)
- CO<sub>2</sub> Control : 0~5000PPM
- Recorder



The instruments have been tested in 220V, 60Hz power condition.  
There can be performance difference according as power condition of each country