Growth Chamber

One-side light source



- Culture of plants, seedling culture, cultivation, growth, form genesis, growth laboratory and tissue culture, genetic research, agricultural chemicals, pathology, ecology, animals, insect culture, keeping quality test, etc.
- 11 Step Programmable - Possible to set temperature, humidity, CO2, intensity of illumination in 11 steps and possible for 11 variation tests and repetition operations for day and night
- The humidity required for growth of plants is adjustable from 30% to 98%
- Light system attached on the top - Additional light source, light intensity, wavelength, light quality and LED lamp wavelength available, as well as light intensity adjustable in 7 steps
- Convenient to move to install as required due to low overall height (1,915mm), Easy to put in and take out heavy flowerpots, etc.

DS-51GSP



DS-51GMP





DS-51GLP



		DS - 51GSP	DS - 51GMP	DS - 51GLP
Main controller		Programmable 11step, Microprocessor LCD displayed, Auto-tuning multi-functional P.I.D controller (Temp, Humidity, Light cycle)		
Temperature	Range	0℃ to 60℃		
	Accuracy	±0.2℃ at 25℃		
Humidity	Range	30 to 98% RH		
	Accuracy	±0.8% at 70%		
	Humidifier	Evaporation by motor		
Illumination	Lux.meter	0 ~ 50,000 Lux. instrumention available, LCD display movable sensor position (sensor option)		
	Lamp	H.I.D 1ea, FL 20W x 8sets	H.I.D 2ea, FL 20W x10sets	H.I.D 3ea, FL 32W x10sets
	Lamp bank	Tempered safety vacuum triple pair glass		
	Light bank	1 dimension type, ceiling		
Dimensions (WxDxH)mm	In	700 x 700 x 1200	800 x 800 x 1200	1400 x 800 x 1200
	Out	1410 x 840 x 1915	1510 x 940 x 1915	2110 x 940 x 1915
	Capacity	588 L	768 L	1344 L
Door	Type	Magnetic packing door with tempered glass viewing window		
	Q'ty	1ea	1ea	2ea
Material	In / Out	Stainless steel (SUS 304)/Steel plate with powder coating(SCP-1)		
	Ceiling(top)	Tempered safety vacuum triple pair glass		
Safety system		High & low temp. switch, Water-level monitor, No fuse breaker switch		
Display		PV & SV dual LCD display		
Air exhaust circulation fan		Sirocco fan		
Compressor		1/2HP	1/2HP	3/4HP
Shelves		Adjustable 3ea	Adjustable 3ea	Adjustable 6ea
Power(AC220V, 60Hz)		3.4Kw	3.8Kw	4.3Kw