

Plant Growth Chamber

Four-side light source and high intensity of light



- 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 and door, both side - Additional light source, light intensity, wavelength, light quality, and LED lamp wavelength available, as well as light intensity adjustable in 7 steps

■ DS-52G5P



■ DS-52G5P-L



■ DS-52G5P CLOSE

		DS - 52G5P	DS - 52G5P-L
Main controller		Programmable 11step, Microprocessor LCD displayed, Auto-tuning multi-functional P.I.D controller (Temp, Humidity, Light Cycle)	
Temperature	Range	0°C to 60°C	
	Accuracy	±0.2°C at 25°C	
Humidity	Range	30 to 98% RH	
	Accuracy	±0.8% at 70%	
	Humidifier	Evaporation by motor	
Illumination	Lux.meter	0 ~ 50,000 Lux. instrumentation available, LCD display movable sensor position(sensor option)	
	Lamp	H.I.D 6ea, FL 32W x 17sets	H.I.D 3ea, FL 32W x24sets
	Lamp bank	Tempered safety vacuum triple pair glass	
	Light bank	4 dimension type, ceiling, both side, door	
Dimensions (WxDxH)mm	In	600 x 600 x 1200	1200 x 700 x 1200
	Out	940 x 900 x 2115	1400 x 1000 x 2145
	Capacity	432 L	1008 L
Door	Type	Magnetic packing door with tempered glass viewing window	
	Q'ty	1ea	2ea
Material	In / Out	Stainless steel (SUS 304)/Steel plate with powder coating(SCP-1)	
	Ceiling	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
Shelves		Adjustable 3ea	Adjustable 3ea
Power(AC220V, 60Hz)		4.2Kw	4.7Kw