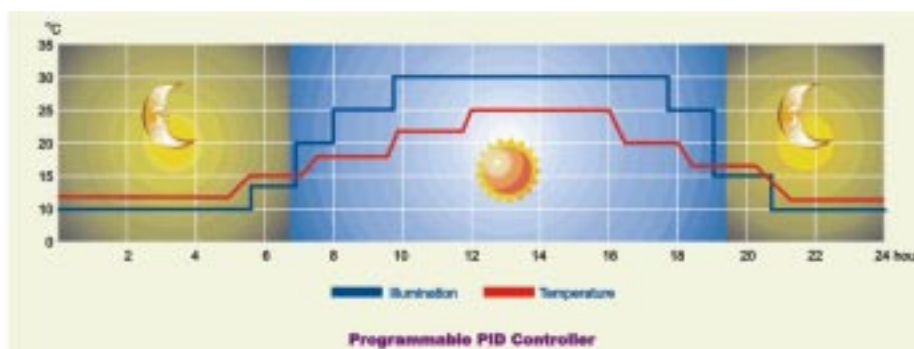




LGC-5101



Microprocessor PID control Plant Growth Chamber with touch sensitive membrane type keypad provides precise temperature, relative humidity and illumination control to maintain a uniform and accurate growth environment. Ten step programmable controller provides automatic operation of variable temperature, humidity and illumination value. Light bank system with eight step programmable control from four sides controls from 15,000 to 35,000 Lux. Silent fan motor to maintain uniform temperature and humidity. Lamp on delay system protects plants from stress by preventing sudden change of light strength. Humidity control by electronic humidity sensor which provides accurate control from 30% to 98% RH. Over temperature and over current protection ensures user safety.



Temperature range without lighting: 0°C to 60°C
 Temperature range with lighting: 10°C to 60°C

Model	LGC-5101	LGC-5201	LGC-5301
Inner Dimensions	600x600x600	600x600x1200	1200x600x1200
Outer Dimensions	820x930x1380	825x940x1965	1425x940x1980
Capacity	216 litres	432 litres	964 litres
Temperature Range	0°C to 60°C		
Temperature Accuracy	±1° at 20°C		
Humidity Range	30% to 90% RH		
Humidity Accuracy	3% at 60°C		
Humidity Sensor	Electronic Sensor		
Humidifier	Evaporation by fan with heater		
Controller	Microprocessor PID program controller		
Display	LCD backlight PV and SV display		
Illumination Range	0 to 20,000 lux		
Illumination Lamp	FL 20W x 15ea	FL 40W x 15ea	FL 40W x 20ea
Illumination Bank	3 side wall with water proof tube		
Illumination Sensor	Photo sensor with flexible cable		
Material Inner	Stainless Steel		
Material Outer	Powder Coated Steel		
Door Inner	Tempered Safety Glass with silicon packing		
Door Outer	3 side magnetic packing door with light bank		
Safety	Over temp. cut off, over current breaker		
Electrical Supply	220V 50Hz		