CO₂ GROWTH CHAMBER

DK-COC 001-SP

DK-COC 010

General Features

■ **CO₂ Gas Control**
Using infrared ray CO₂ gas Sensor, it is possible to accurately control the density, and can control CO₂ gas with 0~5000PPM.

■ **10 Step Program**
Can program temperature, humidity, light intensity CO₂ density up to 10 steps, and can experiment various types of human-made environment such as the functions of day and night or repetitive experiments, and etc.

■ **Separated large 2 Rooms**
There are large 2rooms with separated controllers.

■ **High Illumination Degree(25,000Lux)**
With 25,000Lux illumination Degree, HID lamp & Fluorescent Lamp.

■ **Order made**
We, DAIKI supplies so many various specifications by customer's request.

Specification

Model	DK-COC 001	DK-COC 010
Dimension(IN)	500 x 500 x 1200(H)㎜	1400 x 800 x 1200(H)㎜
Dimension(OUT)	700 x 780 x 1950(H)㎜	1800 x 1080 x 2000(H)㎜
Capacity	300 Liter	1344 Liter
Illumination	23000LUX	25000LUX
Shelves	4EA	8EA
Temp. control	10 Step Program P.I.D Controller	
Temp. Range	0℃ to 60℃ (Light ON : 10℃ to 60℃)	
Temp. Accuracy	±0.2℃ at 25℃	
CO₂ Range	0~5000PPM	
CO₂ Control	10 Step Program P.I.D Controller	
CO₂ Sensor	Infra-red CO₂ Sensor	
Humid. Control	10 Step Program P.I.D Controller	
Humid. Range	35~95% R.H	
Illumination Control	10 Step Program Control 7 Stage	
Material(IN)/(OUT)	SUS304 Polishing Plate/ SCP-1 Steel Plate Powder Coating	
Door	Silicon Packing Magnetic Door With Window	
Communication	RS-232C Interface	
Safety Device	Water Level Monitor, Power Breaker S/W, Over Under Temp. Protector	
Power(AC 220V, 60HZ)	3.5KW	6KW

Program Type Controller

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