



## DAY NIGHT CO2 MONITOR & CONTROLLER FOR GREENHOUSES

### Maximize Growth With the Day/Night CO2 Controller

The Day/Night CO<sub>2</sub> Controller can be used in greenhouses, grow rooms, hydroponics rooms, and other places where elevated carbon dioxide levels are used to maximize plant growth.

The Day/Night CO<sub>2</sub> Monitor & Controller lets you set high and low target CO<sub>2</sub> levels. Using advanced hysteresis logic, when CO<sub>2</sub> levels get too low, power is supplied to a CO<sub>2</sub> generator or regulator via the built-in 100-240 VAC 5A piggyback power cord. When the target level is reached, the power is turned off.

In addition, the CO<sub>2</sub> Monitor & Controller has a built-in photo sensor that overrides the CO<sub>2</sub> control and shuts off the CO<sub>2</sub> when it senses darkness.

### Features

- Accurate CO<sub>2</sub> Generator Control
- Photo Sensor Turns off CO<sub>2</sub> at Night
- Easy Fresh-Air Calibration
- Large digital LCD display clearly indicates the current CO<sub>2</sub> level and temperature.
- Easy to read display with all functions set from 3 push buttons.
- Power, upper limit, lower limit and photo sensor verification LEDs.
- IP54 case resistant to dust and water splash.

### Accessories

- CO<sub>2</sub> Tank Regulator with Solenoid Valve

### Applications



**Greenhouses/  
Indoor Grow Rooms**



**Cultivation  
Facilities**



**Hydroponics**



**Mushroom  
Farms**

# TECHNICAL DATA

## Day Night CO<sub>2</sub> Monitor & Controller for Greenhouses

<b>CO<sub>2</sub> Measurement Range</b>	0-10,000 ppm
<b>CO<sub>2</sub> Measurement</b>	NDIR (Non-dispersive Infrared)
<b>Accuracy</b>	± 70ppm or ± 5% CO <sub>2</sub>
<b>Response Time</b>	< 2 minutes
<b>Operating Temperature</b>	0-50°C (32-122°F)
<b>Calibration</b>	In-situ with fresh air
<b>Connections</b>	One Relay output, Peak Current < 5A@ 250 VAC, SPST. Normally Open

## Electrical and Mechanical Specifications

<b>Power Supply</b>	110VAC Grounded US Plug Only
<b>Power Consumption</b>	2 Watts Maximum
<b>Piggyback Cable</b>	Peak Current < 5A @ 250 VAC



Call 1.877.678.4259  
Email [Sales@CO2Meter.com](mailto:Sales@CO2Meter.com) | [Support@CO2Meter.com](mailto:Support@CO2Meter.com)  
Web [CO2Meter.com](http://CO2Meter.com)

Let's Get Social – @CO2Meter on:

