CO2 MONITOR&CONTROLLER



7530

Carbon Dioxide Monitor & Controller for Plant & Human 7530

- ■Accurate and long life time NDIR CO_2 measuring
- ■External CO_2 sensor to be used in closed space
- ■Display real time CO_2 value
- ■Display CO_2 chart with variable time zoom levels
- ■Max. /Min. recall function
- ■Programmable CO_2 zone value & CO_2 center value to control relay power on and off
- ■Audible alarm warns CO_2 concentration
- ■Target zone indicator
- ■Built-in Day/Night auto detection to override CO_2 control
- ■Monitoring& Controlling CO_2 value in Green house, residential and commercial building

Metric/ Imperial | MAX/MIN | LED Alarm | Relay | Buzzer Alarm | Backlight





4 different plug and socket



AZ(USA)



AZE(EU Schuko)



AZF(EU France)



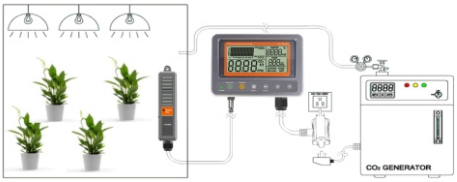
AZU(UK)

Model	7530
Measuring range	
CO2	0~5000 ppm
Resolution	1ppm (0-1000); 5ppm (1000-2000); 10ppm (>2000)
Accuracy	
CO2 below 3000ppm	±50ppm or ±5% of reading, whichever is greater
CO2 above 3000ppm	±7% of reading
Warm-up time	30 seconds
Response time	
CO2	<30 seconds for 90% of step change
LCD size	47 x 104 mm
Meter size	158 x 106 x 50 mm
Sensor size	124 x 33 x 26 mm ; Cable length: 4.5 meters
Operating condition	0~50°C , 5~95% RH (avoid condensation)
Storage condition	-20~ 60°C,5~95%RH(avoid condensation)
Power supply	AC100~240VAC
Piggyback socket load	5A@250VAC; 10A@120VAC
Weight	700g
Standard package	Sensor unit, monitor& controller unit, manual, screws

Application:

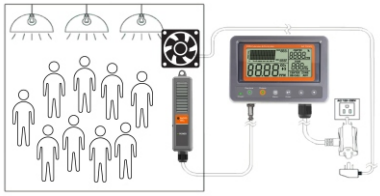
For green house, highly accurate digital CO2 controller measures the carbon dioxide level in the grow room and automatically turns off the CO2 device to accurately keep the carbon dioxide PPM at the desired level

For human use, measure the carbon dioxide level in closed space and automatically turns on/off ventilation system to get good air quality



Plant mode

Relay ON while CO_2 is too low



Human mode

Relay ON while CO_2 is too high

Ordering Code

VZ7530AZ, CO_2 controller in USA plug
VZ7530AZE, CO_2 controller in EU plug
VZ7530AZF, Co_2 controller in France plug
VZ7530AZU, CO_2 controller in UK plug
VZ7530AZP3, CO_2 replacement probe
...We can custom made more to meet your local regulation. Please contact us.
****Available for EB project***

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