

Carbon Dioxide Monitor & Controller for Plant & Human 7530



- Accurate and long life time NDIR CO₂ measuring
- External CO₂ sensor to be used in closed space
- Display real time CO₂ value
- Display CO₂ chart with variable time zoom levels
- Max. /Min. recall function
- Programmable CO₂ zone value & CO₂ center value to control relay power on and off
- Audible alarm warns CO₂ concentration
- Target zone indicator
- Built-in Day/Night auto detection to override CO₂ control
- Monitoring & Controlling CO₂ 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)

Ordering Code

VZ7530AZ, CO₂ controller in USA plug
 VZ7530AZE, CO₂ controller in EU plug
 VZ7530AZF, CO₂ controller in France plug
 VZ7530AZU, CO₂ controller in UK plug
 VZ7530AZP3, CO₂ replacement probe
 ...We can custom made more to meet your local regulation. Please contact us.
 *Available for EB project

Model	7530
Measuring range	
CO ₂	0~5000 ppm
Resolution	1ppm (0-1000); 5ppm (1000-2000); 10ppm (>2000)
Accuracy	
CO ₂ below 3000ppm	±50ppm or ±5% of reading, whichever is greater
CO ₂ above 3000ppm	±7% of reading
Warm-up time	30 seconds
Response time	
CO ₂	<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 CO₂ is too low



Human mode

Relay ON while CO₂ is too high