

Power Development Solutions

Agricultural Monitor / Controller / Data Logger Equipment

The Model CDM CO² sensor features stable long term operation that can be used to monitor CO² in relatively dry locations.

When used with the Power Development Solutions *PowerTracker* or with one of several Hubs, the CO² data can be saved to a data base and viewed or plotted or download to your computer.

Multiple sensors can be used together on a *PowerTraker* or as part of a Hub network.

When used with the *PowerTraker* or Hub network, CO² measurements can be used in conjunction with other parameters to control greenhouse functions.



Model CDM Specifications

CO² detection range: 300 ~ 5,000ppm

Accuracy $\pm(50\text{ppm}+3\%$ of reading) in the range of 300~5,000ppm CO₂

Response time: 2 min. (diffusion)

Operating Conditions: 0~50°C / 0~85%RH (no condensation)

Storage Conditions: -30~70°C / 0~85%RH (no condensation)

Maximum data rate – 2 measurement / second. Other measurement rate limitations may apply depending on hardware.

Measurement rate can be programmed.

Water resistant, avoid direct spray.

The Model CDM is available with a 10 or 30 foot cable or can be ordered with any cable length up to 100 feet.

Order: Part # XC01 for a 10 foot cable.

Order: Part # XC03 for a 30 foot cable.

Contact the factory for a custom cable length.

Price

XC01

XC03

Qt. 1 - 9

Qt. 10 - 20

Contact the factory for larger quantities.

For lead time or information on other available sensors, visit www.pds-design.com or call (971) 470-3139.

Other sensors available:

Temperature
Relative Humidity
CO²
Soil Moisture
Lysimeter
PH level

Light Lux level
PAR Light Level
Camera / Visible
Camera / Infrared
Air flow rate
Water flow Rate

DC Voltage & Current
AC Voltage & Current
Watt/voltage/amps/PF
Barometric pressure
Altitude
Wind Speed

Power Development Solutions, LLC (PDS) offers a variety of IoT products that can help you become a more efficient farmer buy reducing production cost and increasing your yield.