CPEC200
Closed Path
Eddy Covariance System

Quick Deploy Guide

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CAMPBELL® SCIENTIFIC
WHEN MEASUREMENTS MATTER
1. Setup tripod and mount enclosures.
2. Ground tripod and enclosures.
3. Setup tripod or mast with CM20X Crossarm.
4. Mount the EC155 bypass tube.
5. Mount gas analyzer and sonic anemometer.
6. Connect EC155 and CSAT3A to EC100 Electronics.
7. Connect system plumbing.

Zero Air Tubing

Analyzer Tubing

Pump Tubing

CO₂ Span Gas Tubing

Pump Module Cable
8. Connect system wiring and insert compact flash (CF) card.
Power Cable to +12Vdc
Power Supply (off)

Power Cable to EC100

EC100 Power Cable

EC100 SDM Cable

SDM Cable to EC100
9. Turn on the +12 Vdc power supply and use the datalogger keyboard display to set settings and initiate zero/span checks.

9.1 Press **Esc** to activate the display. Press **Enter** to display the System Control Menu.

9.2 Select **Configure System**.
9.3 Select SONIC_AZIMU.

9.4 Enter the CSAT3A sonic head azimuth.
9.5 If the CPEC does not have a valve module, skip to 9.10. Otherwise, select **Zero/Span Config**.

9.6 Select **CO2_SPAN_PPM**.
9.7 Set CO2\_SPAN\_PPM to match the CO2 concentration of the CO2 span gas tank.

9.8 Select CHECK\_ZERO, SET\_ZERO, CHECK\_SPAN1, SET\_SPAN1 in sequence. Leave CHECK\_SPAN2, CHECK\_SPAN3, and CHECK\_SPAN4 as FALSE unless the 6-valve module is being used.
9.9 For each value selected on the previous screen, change the setting from *False* to *True* for *auto zero/span*.

9.10 Press ESC to exit.
Please visit www.campbellsci.com to obtain contact information for your local US or International representative.