

BioGas  CDM Calibration Easy Steps  
For a complete Field Calibration

Turn Instrument On (By pressing on the Red Button).

After the instrument has finished its initial self test process, it will enter the main menu screen

The main menu screen will display the last target values entered.

Press 1 for Field Calibration

Press 1 for Calibrate now

Press 1 for begin purge

Complete full purge with clean air

Press 1 Zero now

You will receive the message User Zero complete

Press 5 for change certified target values

[Target values are the gas % that is on your calibration bottle]

Enter target value for CO<sub>2</sub>

Press Enter

Enter target value for CH<sub>4</sub>

Press Enter

Connect Calibration (CAL) Gas Bottle with CH<sub>4</sub> /CO<sub>2</sub> to inlet port.

Allow gas to flow for approximately 30 seconds to ensure a complete purge of any gas in instrument and reading has stabilized

Press 1 for accept and calibrate

You will receive the message [Calibration complete] or [Calibration failed]

If calibration complete continue

Keep the calibration gas flowing and Press 1 for zero Oxygen now

You will receive the message User Zero complete

Disconnect Calibration (CAL) Gas Bottle with CH<sub>4</sub> /CO<sub>2</sub>

Press 5 for Change certified target values

Enter the target value for O<sub>2</sub>

[The target value is the gas % on your O<sub>2</sub> calibration bottle or ambient air]

Press enter

Connect Calibration (CAL) Gas Bottle for O<sub>2</sub> to inlet port [example 4% O<sub>2</sub>, Bal N<sub>2</sub>]

Allow gas to flow for approximately 30 seconds to ensure a complete purge of any gas in instrument and reading has stabilized

If using ambient air then turn pump on for approximately 30 seconds to ensure a complete purge of any gas in instrument and reading has stabilized

Press 1 for Accept and Calibrate

You will receive the message [Calibration complete] or [Calibration failed]

If calibration complete continue

If you are not using a H<sub>2</sub>S Pod you will press 2 for Skip H<sub>2</sub>S span calibration.

Press 1 for Store calibration record and continue.

The message calibration is complete and stored in memory will appear

The field calibration is finished...