



Firmware ≥ V2.3

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A. Calibration Tips



1. coVita calibration instructional videos can be found under the support section of www.covita.net.
2. You must calibrate every **6 months** to correct for sensor drift using **20 ppm Carbon Monoxide (CO)** calibration gas. On occasion your piCO+ may prompt you for an intermittent calibration.
3. Your piCO+ a has built in calibration reminders to prompt you to calibrate every 6 months.
4. Be sure to identify your **flow meter-regulator** for correct instructions.
5. Remove **flow meter-regulator** from can for proper storage and replace dust cap. (You may hear a pop and this is normal.)
6. Ensure that the caliadaptor tubing has **no kinks** while the gas is flowing.



B. Required Parts



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- A. **20 ppm Carbon Monoxide (CO)** Calibration Can
- B. Flow meter-regulator
- C. Caliadaptor Tubing
- D. D-Piece
- E. piCO+™ Smokerlyzer® ≥ V2.3

C. Calibration Set Up





1. Remove dust cap from can of gas
2. Ensure the find control valve on the flow meter-regulator is in the off position.
3. Screw the regulator-flowmeter onto the gas can (some slight pressure may be required). This can best done by screwing the gas can into the valve.
4. Attach the small end of the tubing onto the regulator-flowmeter.
5. Insert a D-piece into the piCO+™.
6. Insert the large end of the caliadaptor tubing onto the D-piece.




D. Calibration

1. Ensure you are performing a calibration in a fresh air environment.
2. Turn piCO+™ **ON** by holding the button down for three seconds.

3. Main Screen

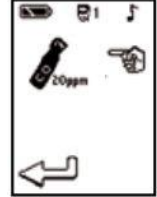
a. *Single click* the button to move the  pointer to the  calibration canister icon.



b. Next, *double click* the button to select the  calibration canister icon.

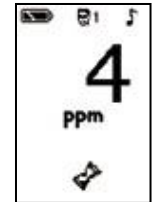
4. Calibration Mode


a. *Double click* button to select the  canister icon.





b. **Immediately** turn on the gas by turning the valve.
No fine tuning is required because this regulator is fixed at **1 lpm**.

c. The monitor's reading will slowly climb from zero and an hour glass will be shown on the screen as well.





d. When you receive a  check mark, turn **OFF** the gas.

e. *Double click* the button to select  return arrow and to go previous menu.

f. *Double click* the button to select the  return arrow and return to main menu.

g. Calibration Complete

Note: If you receive and  instead of a  please contact coVita for further assistance.

coVita offers annual maintenance packages.