



## A. Calibration Tips



1. coVita calibration instructional videos can be found under the support section of [www.covita.net](http://www.covita.net) .
2. You must calibrate *at least monthly* to correct for sensor drift using **100 ppm Hydrogen (H<sub>2</sub>)** calibration gas. On occasion, your Gastro+ may prompt you for an intermittent calibration.
3. Your Gastro+ a has built in calibration **reminders** to prompt you to calibrate every month.
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. It's ok to lay the can on its side.



## B. Required Parts



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- A. **100 ppm Hydrogen (H<sub>2</sub>)** Calibration Can
- B. Flow meter-regulator
- C. Caliadaptor Tubing
- D. D-Piece
- E. Gastro+ Gastrolyzer<sup>®</sup>  $\geq$  V1.7c

## 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-flow meter onto the gas can (some slight pressure may be required). This can best be done by screwing the gas can into the valve.
4. Attach the small end of the tubing onto the regulator-flow meter.
5. Insert a D-piece into the Gastro+.
6. Insert the large end of the caliadaptor tubing over the D-piece.



## D. Calibration

Main  
Screen



Gears  
Screen



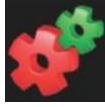
Calibration  
Screen  
A



Calibration  
Screen  
B







1. Ensure you are performing a calibration in a fresh air environment.
2. Turn Gastro+ ON by holding the on/off button down for three seconds.
3. **Main Screen**


a. On the main screen touch the  gears icon.

4. **Gears Screen**


a. Touch the  calibration icon to enter the calibration screen.

5. **Calibration Mode**

a. Touch the  zero icon to zero the monitor. The monitor will display an  hour glass and then a  check mark. Touch the  check mark to return back to the calibration screen.

b. Touch the  calibration icon. (*Note: the canister icon is no longer crossed out*)

c. **Immediately** turn on the gas by *slowly* turning the valve. *No fine tuning* is required because this regulator is *fixed* at **0.5 lpm**.

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

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

f. Touch the  check mark to lock in the calibration.

g. Touch the  home icon to return to the main menu.

h. **Calibration Complete.** Please contact coVita with any questions.  
*\*\*coVita offers annual maintenance packages.\*\**