

OVERVIEW

TAP the Magnetic Wand against glass to activate buttons.



What you'll need...

Tools:

1. Magnetic Wand
2. Calibration Cap
3. 1/4" Clear Tubing




Gases:

1. Zero Gas: a gas that is free of any substance that will adversely affect the operation of or cause a response of the instrument.
2. Mid span Gas: a reference gas used in calibration of a concentration $\pm 20\%$ from 50% of sensor's full range.
3. Full span Gas: a reference gas used in calibration of a concentration higher 75% of sensor's full range.




STEP ONE

1.a
TAP the  Button with the Magnetic Wand (MW) to access the Menu.



1.b
TAP the   Buttons to highlight "Calibrate 1".



1.c
TAP the  Button to Select "Calibrate 1" and begin calibrating Sensor 1.

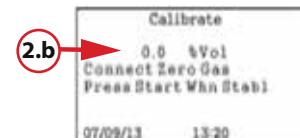


STEP TWO

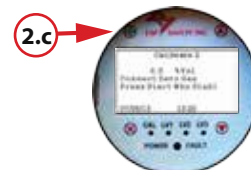
2.a
Connect the zero gas cylinder to the inlet of the calibration cap.



2.b
Apply the zero gas at NO MORE than 0.5 l/min, for at least 1 Minute; wait for gas reading to STABILIZE.

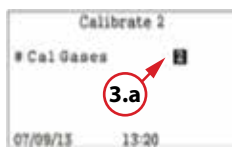


2.c
TAP the  Button to Set zero point calibration.




STEP THREE

3.a
TAP the   Buttons to adjust number of gases for span calibration



3.b
Select 1 for mid-span gas only (1 gas cylinder)
Select 2 for full & mid span gases (2 gas cylinder)

3.c
TAP the  Button to Enter selection




STEP FOUR

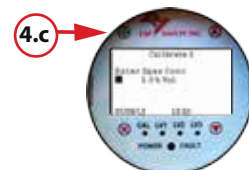
4.a
TAP the  Button to Advance cursor to the next digit.



4.b
TAP the   Buttons to adjust value of each digit. Refer to the gas concentration on the gas cylinder



4.c
TAP the  Button after the last digit has been edited to proceed



STEP FIVE

**This screen will NOT APPEAR if a single (1) gas span calibration was selected.

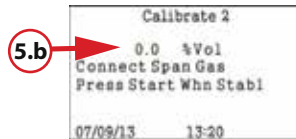
5.a

Connect the full span gas cylinder to the inlet of the calibration cap.




5.b

Apply the full span gas at NO MORE than 0.5 l/min, for at least 2 Minute; wait for gas reading to STABILIZE.



5.c


TAP the  Button to Set the full span point.



STEP SIX



**This screen will NOT APPEAR if a single (1) gas span calibration was selected.

6.a

TAP the  Button to Advance cursor to the next digit.




6.b

TAP the   Buttons to adjust value of each digit. Refer to the gas concentration on the gas cylinder.



6.c

TAP the  Button after the last digit has been edited to proceed.



STEP SEVEN

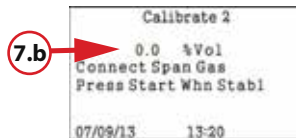
7.a

Connect the mid span gas cylinder to the inlet of the calibration cap.




7.b

Apply the mid span gas at NO MORE than 0.5 l/min, for at least 2 Minute; wait for gas reading to STABILIZE.



7.c

TAP the  Button to Calibrate mid span



STEP EIGHT


8.a

Remove the mid span gas from the sensor & the calibration cap. Wait until the gas reading drops to Zero.

For O2 sensors, gas concentration reading does not drop to Zero. Concentration will remain at approximately 20.8% v/v



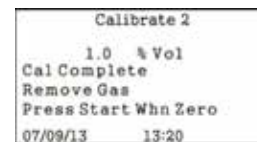
8.b

TAP the  Button to exit calibration procedure



8.c

You are done!



The Alarm 3 latch will stay set until the device is restarted.

Feedback or Questions?