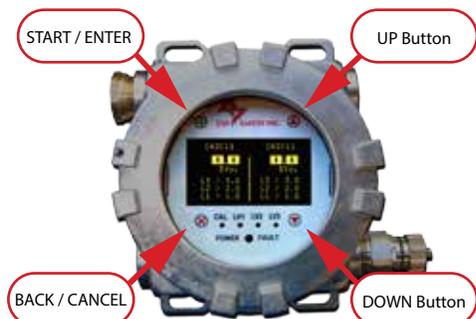


### OVERVIEW

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.

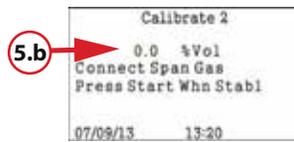
### 5.a

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

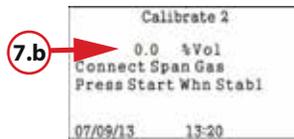
### 7.a

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\*\**



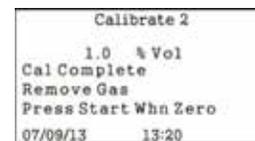
### 8.b

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?