

## Calibration Adjustment Alco-Sensor III

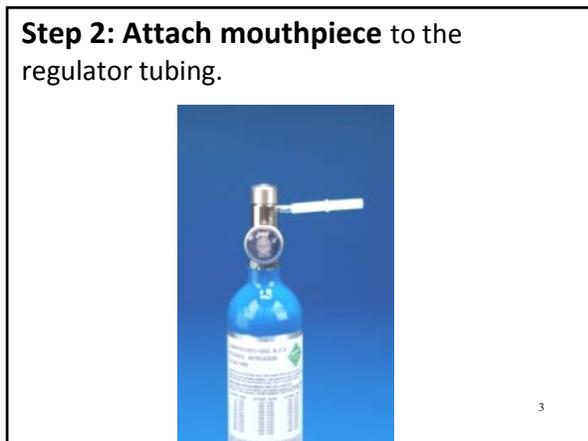
Using .038 Alcohol Gas Tank



**Step 1: Attach Regulator** Follow instructions on the Alcohol Gas Tank to attach the regulator.



**Step 2: Attach mouthpiece** to the regulator tubing.

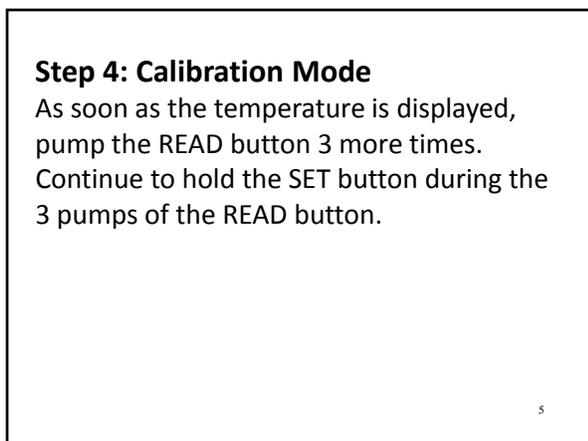


**Step 3: Check Temperature** by pressing READ while holding down the SET button. The temperature should read between 15c and 36c. Release the READ button.

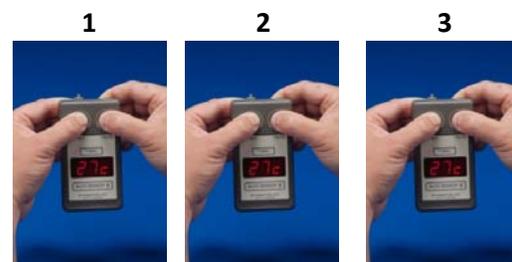


### Step 4: Calibration Mode

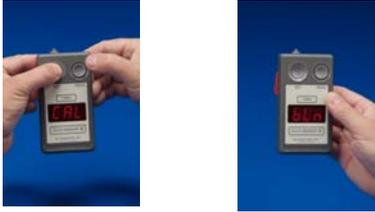
As soon as the temperature is displayed, pump the READ button 3 more times. Continue to hold the SET button during the 3 pumps of the READ button.



You have only 2 seconds to complete all three pumps. Hold the SET button down while pressing the READ button 3 times.



If successful, the Alco-Sensor III will momentarily display "CAL" followed by "BLn".



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If the Alco-Sensor does not display **CAL** and **BLn**, the timing of the 3 pumps was not correct.

Repeat Step 1.

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**Step 5: Perform Blank** Release the SET button and press the READ button. A moving dash indicates that the sample is being evaluated.



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After blank analysis, "SEt" will be displayed. Press the SET button and "Cal" will be displayed.



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**Step 6: Standard Value** Review the elevation chart on the tank to calculate the alcohol concentration for the tank at your elevation. The value can also be determined from a True-Cal device



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**Step 7: Attach Alco-Sensor**

Carefully attach Alco-Sensor to mouthpiece assembly.

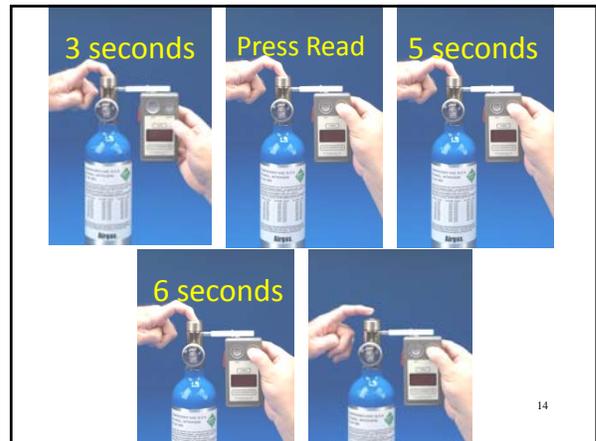


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**Step 9: Sample Gas** Press regulator button for 6 seconds. On the 4<sup>th</sup> second of the 6-second count, press the READ button. (NOTE: The gas must be flowing through the mouthpiece when the READ button is pressed).



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**Step 10: Adjust Setting** When the results are displayed adjust the reading so that it matches your alcohol standard. Turn clockwise to increase the reading, and counterclockwise to decrease the reading.



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**Step 11: Press SET**  
Press the SET button.



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**Step 12: Record Results**  
Record every Calibration adjustment in a calibration log to document the maintenance of the Alco-Sensor.

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**Step 13: Verify Calibration**  
Perform an Accuracy Check to verify the calibration adjustment.



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