

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.



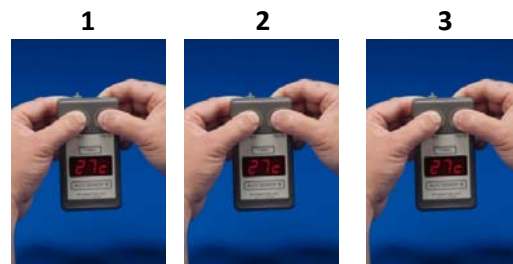
Step 3: Check Temperature by pressing READ while holding down the SET button. The temperature should read between 15c and 36c. Release the READ button.



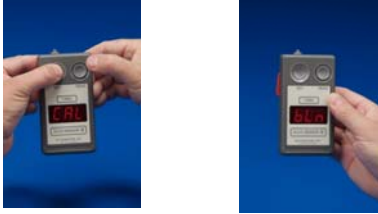
Step 4: Calibration Mode

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



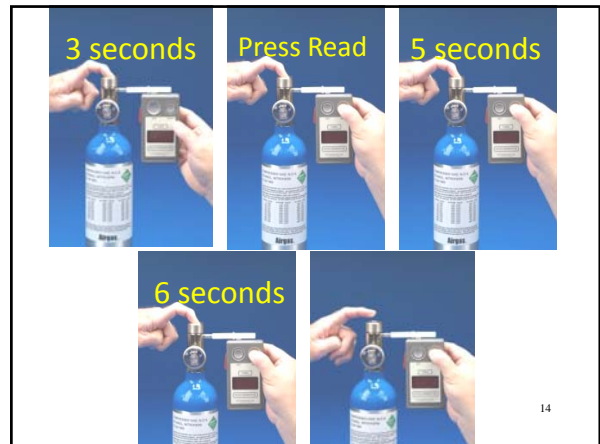
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Step 7: Attach Alco-Sensor
Carefully attach Alco-Sensor to mouthpiece assembly.



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Step 9: Sample Gas Press regulator button for 6 seconds. On the 4th 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).



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.



Step 11: Press SET
Press the SET button.



Step 12: Record Results

Record every Calibration adjustment in a calibration log to document the maintenance of the Alco-Sensor.

Step 13: Verify Calibration

Perform an Accuracy Check to verify the calibration adjustment.

