

Techmark, Inc.
SOP P205-3A 755 Inlet Door calibration procedures.
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NOTE: 755 potentiometer- 5K or 500 ohm. If in series, all pots must be of the same resistance.

1. Verify that the door is working properly. This entails making sure that the actuator and limit switches are adjusted correctly for fully closed and open.
2. Open and close the door twice using the knob on the RLP (relay panel).
3. With the door in the fully closed position, calibration can then begin.
4. Press button 22 on the 755. The display will ask for a password, which is button 10, followed by edit or # button.
5. Press the right arrow to go into INPUTS
6. Press the single down arrow and go to 3: ASSIGN MEAS. Press the right arrow to go into this selection and then use the single down arrow to go to the bottom of the list to INLET POSITION. (Make sure that the correct bin is selected on the face of the 755) Record the number of INLET POSITION for this bin here: AN. IN. _____.
7. (Optional Step)- Open the face of the 755 and find the AIR INLET AN. IN. Remove the terminal strip and measure the resistance for that input.
_ Replaced the terminal strip when completed.
8. Press the left arrow to go back to INPUTS and then the single down arrow and go to 5: ANALOG MEAS. Press the right arrow to go into this selection. ANALOG INPUT 1 should be showing.
9. Press the double up arrow to go to the ANALOG INPUT (AN.IN.) found in step 6.
10. Press the single down arrow to display and record the Zero: _____ and Span: _____ numbers for this AN.IN.
11. Press the single down arrow until the C in CALIBRATE U/R is blinking.
12. Press the edit or # key so that the 0 after CALIBRATE U/R is blinking.
13. Press the single up arrow once and the word ZERO should appear. Press the edit or # and wait until the word ZERO changes back to 0.
14. Open the door with the knob on the relay panel. Wait until the door fully opens.
15. (Optional Step)- Open the face of the 755 and find the AIR INLET An.In. Remove the terminal strip and measure the resistance for that input. _____. Replace the terminal strip when completed.
16. Press the edit or #key so that the 0 after CALIBRATE U/R is blinking.
17. Press the single up key twice and the word SPAN should appear. Press the edit or # key and wait until the word SPAN changes back to 0.
18. Close the door with the knob and wait until the door is completely closed.
19. Return the rotary knob to the AUTO position once the calibration is completed.