

CR-4 Adjustment Procedure

Ver 1.2 12/8/99

The CR4 is supplied with a hidden menu that allows the user to adjust the reading of the display

To adjust the readings of the CR-4 plug in the desired adapter and follow the instructions below.

1. Press and hold the HOME Button. Press the ON button to turn on the CR-4.
2. The pens will move to the HOME position, continue to hold the HOME Button until the CR-4's display shows the message "LET GO FOR CALIBRATION".
3. Release the HOME Button.
4. The display will show the Adjust "X" message for the first channel. Depending on the adapter being adjusted "X" could be temperature or pressure. This function allows a user to adjust the reading to some arbitrary standard. Note that changing this value will detract from the accuracy of the CR-4. Press the "A" or "B" button to adjust the reading up or down. Press MENU again to advance to the next menu item.
5. This display will show the Adjust "Y" message and allows the user to adjust the second channel reading to some arbitrary standard. Depending on the adapter being used this could be temperature, humidity or pressure. As in the case of the temperature reading any change in this value will detract from the accuracy of the CR-4 and is made available only for the users convenience. This adjustment will not be available for an event adapter as this is an ON or OFF function with no calibration required.
6. Press the MENU button again and the CR-4 will return to the normal operating mode.

CRTT-2 Calibration and Adjustment Procedure

The CR-TT2 is supplied with a series of hidden menus, which allow the user to adjust the temperature readings of the display.

The TTP5 probes are permanently calibrated and contain no user adjustments.

In the event a probe should read incorrectly this would be an indication of component failure and the instrument should be returned to the factory for servicing.

To adjust the Temperature Probe readings follow the procedure below.

1. Press and hold the MENU Button. Press the ON button to turn on the CRTT-2.
2. The pens will move to the HOME position, continue to hold the MENU Button until the CRTT-2 beeps and the display shows the message "LET GO FOR CALIBRATION".
3. Release the MENU Button.
4. The display will show the Adjust Temperature 1 message. This function allows a user to adjust the temperature reading of probe 1 to some arbitrary standard. Note that changing this value will detract from the accuracy of the CR-TT2. Press the "A" or "B" button to adjust the reading up or down. Press MENU again to advance to the next menu item.
5. This display will show the Adjust Temperature 2 message and allows the user to adjust the temperature reading of probe 2 to some arbitrary standard. As in the case of the temperature reading of probe 1 any change in this value will detract from the accuracy of the CR-TT2 and is made available only for the users convenience.
6. Press the MENU Button repeatedly until you exit the Calibration Menu. For each press of the MENU Button the unit will pass through a diagnostic test not required by this procedure. The display will show "Please Wait" while the new probe data is being written to non-volatile memory and the instrument will return to its normal operating mode.

CRTH-2 Calibration and Adjustmerft Procedure

The CR-TH2 is supplied with a series of hidden menus, which allow the user to adjust the reading of the display, or to enter a new calibration code in the event a probe has to be replaced. The THP5 probes are permanently calibrated and contain no user adjustments.

In the event a probe should read incorrectly this would be an indication of component failure and the instrument should be returned to the factory for servicing.

The Temperature/Humidity probe (THP-5) is supplied with a numbered code printed on the probe label which contains the information required to calibrate the CR-TH2 in the event the probe should be replaced. This allows the user to replace the probe and calibrate the instrument by entering the supplied number in the appropriate menu selection. No special equipment or knowledge is required.

This code is computer generated at the factory and adjusts the calibration of the CR-TH2 to allow for the normal variation that occurs from sensor to sensor during the manufacturing process. It is most important not to change this code from what is printed on the probe. Reduced accuracy of the instrument will result from changing the code to any other setting than what is supplied with the probe and experimentation by the user is not recommended.

To adjust the Temperature or Humidity reading, or to enter a different probe calibration code follow the procedure below. If the THP5 probe is being replaced have the new THP-5 probe available to view and enter the new calibration code printed on the probe label.

1. Press and hold the MENU Button. Press the ON button to turn on the CRTH-2.
2. The pens will move to the HOME position, continue to hold the MENU Button until the CRTH-2 beeps and the display shows the message "LET GO FOR CALIBRATION".
3. Release the MENU Button.
4. The display will show the Adjust Temperature message. This function allows a user to adjust the temperature reading to some arbitrary standard. Note that changing this value will detract from the accuracy of the CR-TH2. Press the "A" or "B" button to adjust the reading up or down. Press MENU again to advance to the next menu item.
5. This display will show the Adjust Humidity message and allows the user to adjust the Humidity reading to some arbitrary standard. As in the case of the temperature reading any change in this value will detract from the accuracy of the CR-TH2 and is made available only for the users convenience. Press the MENU button again and the Calibration Code will be displayed.
6. The display will have a "+" displayed on the first line of the display and the previously stored calibration code on the second line of the display. An example of the display is shown below. Note that the numbers shown on the display will be different from the example.

Example of LCD Display showing Calibration Code
+ 000AC245BE988080

7. The first three digits of the code will always be zero. Press the B Button three times to move the cross so that it is above the fourth digit. In the case of the above example this would be "A".

8. Press the A Button to increment the selected digit. Each digit can advance from 0 through 9 and follow with the letters A through F. If the desired number or letter is passed by accident continue to press and release the A button until the digit returns to zero and continue to press and release the A button until the desired number or letter is found.

9. Press the B Button to advance to the next digit and repeat the above step to set each digit of the code so that it matches the code printed on the THP-5 Probe label. Do this until the last digit printed on the probe label has been entered.

10. Note that only the first 12 digits of the calibration probe are printed on the probe label. The last four digits displayed pertain to user adjustments and do not have to be adjusted under normal conditions.

11. Press the MENU Button six times to exit the Calibration Menu. For each press of the MENU Button the unit will pass through a diagnostic test not required by this procedure. The display will show "Please Wait" while the new probe data is being written to non-volatile memory and the instrument will return to its normal operating mode.

✓ "8080" - NO OTHER USERS, ANY OTHER NUMBERS SOMEONE USED. ENTER 8080 TO CLEAR.