



# How To

Service Documents from APPI

**Document: #HT000100**

**Document Title: Calibrate Thermocouple**

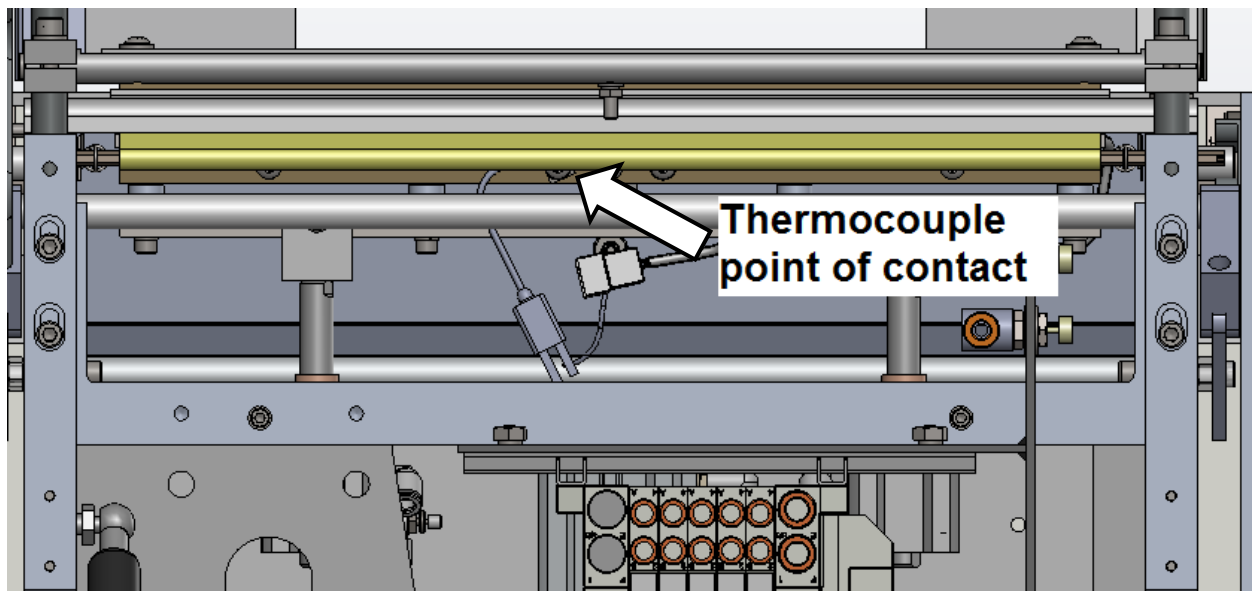
**Product(s): T-1000**

**Procedure:**

To calibrate a thermocouple after replacement or repair, it is necessary to have exterior temperature sensor (Fluke Thermocouple Thermometer 51/52 Series II or equivalent) in order to compare and adjust the temperature readings.

Set the thermometer to the same scale as the Bagger ( $^{\circ}\text{F}$  or  $^{\circ}\text{C}$ ).

Remove the **Short Internal Guard** from the bottom of the T-1000, and locate the **Heater Bar** and the **Thermocouple Wire**.



**(Bottom View)**

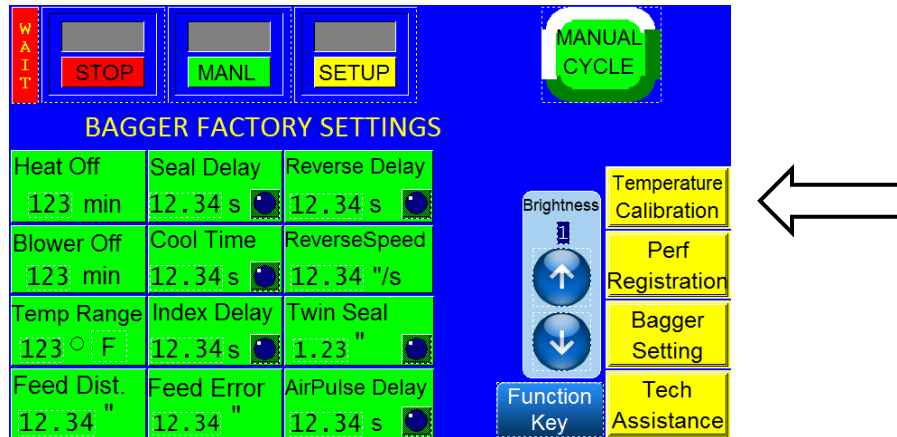
Place the temperature sensor probe from the Fluke or equivalent thermometer in contact with the **Heater Bar** as close to the point of contact for the **Thermocouple Wire** as possible.



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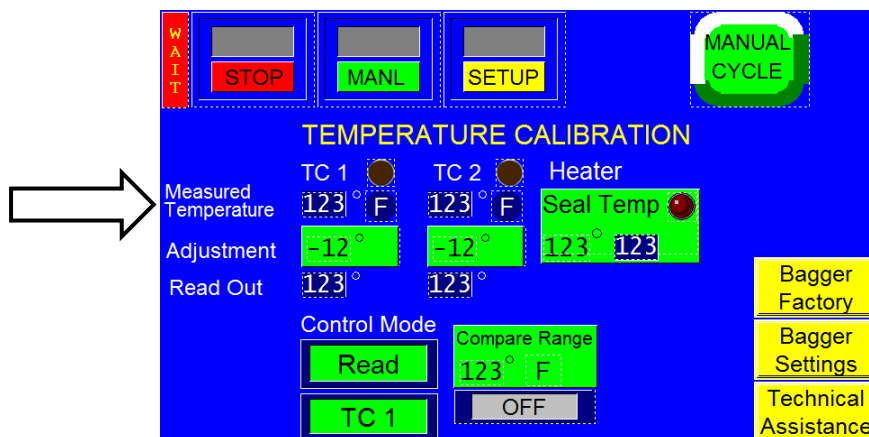
## Service Documents from APPI

Access the **Temperature Calibration Screen**, by starting at the **Main Menu**, proceeding to the **Technical Assistance** and **Bagger Factory Screens**.



Press **“Temperature Calibration”** button on right side of **Bagger Factory Settings** screen.

**Measured Temperature** will display the current temperature. Compare this to the temperature displayed on the Fluke Thermometer.





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### Adjustment

If there is a discrepancy between the readings, press the **“Adjustment”** button and enter the correct temperature reading according to the Fluke Thermometer. For example, if the outside calibration equipment reads 123°F and the bagger shows 111°F, a value of -12° can be entered into **Adjustment**, allowing the variation to be known. By pressing the green **“Adjustment”** button, a numeric keypad is accessed where two digits, negative or positive can be entered into this field.

