## **Tech Notes**

Title: My 4180 or 4181 is in CUTOUT and the Warning triangle is ON (Red) Created: Last Revised: \_\_\_\_\_

## Applies To: 4180 and 4181

Problem Description: The 418X is not responding to what I want it to do. I noticed that CUTOUT is displayed and that the Red warning triangle is ON. What can I check?

<b>CE 4181</b> PRECISION INFRARED ntific CALIBRATOR 35°C to 500°C	<b>23.33°C</b> SETPT: 50.00 °C CUTOUT IRT 6: 0.950	SET PT.	
		MENU	O
	F1 F2 F3 F4	EXIT	ENTER

## **Resolution/Work Around:**

- 1. Try clearing the CUTOUT by pressing the SET PT button and entering in a new set point temperature. Then, press Enter and Enter again to enable the unit. The CUTOUT should disappear and the unit should start to heat or cool.
- 2. If not, check the Soft Cutout. To do this you will need to press the MENU button  $\rightarrow$  TEMP SETUP (F1) button  $\rightarrow$  CUTOUT (F3) button  $\rightarrow$  SOFT CUTOUT.
  - a. For the 4181, this number should be above 500°C. The default number is 520°C. You can also check the HARD CUTOUT. This should be 550°C
  - b. For the 4180, this number should be 140°C. You can also check the HARD CUTOUT. This should be about 140°C.
- 3. If the Soft and Hard cutout are OK and the unit still will not respond, the thermocouple cutout thermocouple may be disconnected or damaged.

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