

coloQuick Thaw

# CALIBRATE TEMPERATURE

How to calibrate the temperature:

**1. Note the displayed temperature:** *Example: 40,0*

- Make sure the heating element has not been turned on for a while.
- Open the top lid and wait for a few minutes, then note the displayed temperature.

**2. Measure the water temperature manually:** *Example: 41,0*

- **Do not** use an IR “laser” thermometer.
- The offset need to be changes to:  $41,0 - 40,0 = +1,0$

**3. Change the offset on the temperature controller:**

PRESS:	DISPLAY WILL READ:
1. “P” for more than 5 seconds	“SPL”
2. “arrow up” once.	“rp”
3. “P”	“0”
4. “arrow up” until display reads 437	“437”
5. “P”	“SPL”
6. “arrow up” until display reads “CA”	“CA”
7. “P”	Current offset. <i>Example: 0,5</i>
8. “arrow up” or “arrow down”	Enter new offset. (Current offset + Calculated offset) <i>Example: 0,5 + 1 = 1,5</i>
9. “P”	Display will be flasing.
10. Leave display flasing for >20 seconds.	Actual temperature.

*The new offset has been saved*

**4. Repeat step 1 & 2, to make sure the displayed temperature is accurate.**

- If there is a difference between the displayed and the measured temperature, repeat step 3.

**Important notice:** If a new sensor or a new heating element is fitted, the temperature must always be checked, and the offset must be changed if needed.

