

## 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              | "SP1"  |
| 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. Example: 0,5   |
| 8. "arrow up" or "arrow down"               | Enter new offset. (Current offset + Calculated offset)<br>Example: $0,5 + 1 = 1,5$ |
| 9. "P"                                      | Display will be flashing.  |
| 10. Leave display flashing 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.

