

Statim Rev. 7 PCB Validation Thermocouple Calibration

1. Turn power switch ON while holding down Unwrapped and Wrapped keys to enter **Service Mode**.
2. The **Service Mode** is password protected, enter password to continue, default password is: Unwrapped, Wrapped, Rubber and Plastics and Stop keys pressed in this order. If the password has been changed the backdoor password is, Unwrapped, Wrapped, Unwrapped Wrapped buttons pressed in this order.

Keypad function at this time:

Unwrapped Key: Select next item in the menu
Wrapped Key: Select previous item in the menu
Rubber and Plastics Key: Enter current selection

3. Toggle through the menu selections using the keypad to reach **Calibration** and press the Rubber and Plastics key.
4. Display should be similar to the example below.

25.5	FE	24.1	F9
			1.4

Screen Representation

25.5	Validation thermocouple reading
FE	Validation thermocouple hexadecimal offset compared with chamber reading
24.1	Chamber temperature in °C
F9	Chamber thermocouple hexadecimal offset
1.4	Difference between validation thermocouple and chamber thermocouple in °C

5. Start a Validation thermocouple self-calibration cycle. Press and **hold** the Unwrapped key and at the same time press the Start key. The Validation thermocouple hexadecimal offset will change to 00 and the character "*" will appear after the 00. The display should be similar to the example below. The 00* on the display indicates the Validation thermocouple calibration cycle is running. **Note: If there is no cassette in the unit, the water quality is unacceptable or the water level is low the Validation thermocouple calibration cycle will not run.**

25.5	00*	24.1	F9
			1.4

6. Allow the Validation thermocouple self-calibration to complete. The temperature within the chamber will rise to sterilization temperature. Wait until the sterilization phase of the calibration cycle ends automatically. The **00*** value will change to a new offset value. The unit will vent automatically. After the unit has vented press the Stop key to end the calibration cycle.