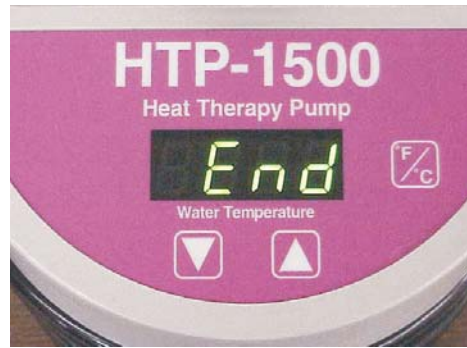
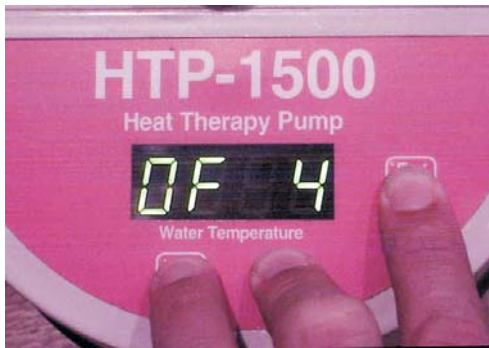


How To Calibrate the HTP-1500 Heat Therapy Pump



FOR BIOMED TECHNICIANS ONLY

This bulletin provides instruction for the temperature calibration of a HTP-1500 heat therapy system. The unit was originally calibrated at the factory at 107F, but you can calibrate at other set-points. The OFF-SET can be between minus nine (-9) and positive nine (9). Each step equals one degree Fahrenheit.

- 1) Operate the system normally for at least 20 minutes at the desired temperature. Use a ST-020 if available.
- 2) Use a digital thermometer to measure the reservoir temperature and compare your reading with the display.
- 3) Turn the unit off.
- 4) Press and hold the Up and Down Arrows simultaneously with the C/F button and turn the unit back on.
- 5) The unit will display the software version (P905) followed by the temperature OFF-SET (OF 4). Quickly press the Up or Down arrow to adjust the temperature accordingly. Each point up or down is the equivalent of 1 degree Fahrenheit. After calibration, the display will read END. Turn the unit off to save the adjustment.
- 6) Turn the unit back on and allow it to run a few minutes. Check reservoir temperature again using a digital thermometer. The temperature should closely match the desired set-point. An accuracy of +/- 2F is acceptable. (Re: ASTM F-2196-02)
- 7) Repeat procedure from step 4 if needed.