

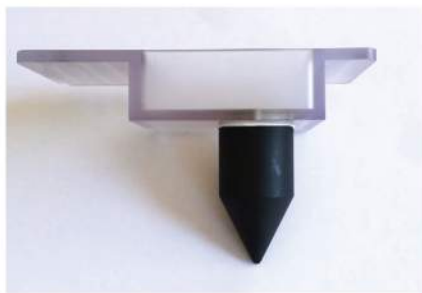


Non-contact Thermometer Calibration Checker System Model CC-TF



Calibration of the PRO-TF Series of Caregiver thermometers may be checked with the Model CC-TF System.

The system consists of three components:



Custom Blackbody Target for Caregiver Thermometers.



6-liter circulating waterbath with 0.01 °C stability, Digital interface, Stainless steel tank
Dimensions: 17.5" x 8" x 16"



Reference thermometer with 0.04 °C accuracy and NIST calibration traceable certificate
Display Resolution: 0.01 °F

Operation

The system is set up by filling the waterbath with water, placing the blackbody target (BB) into the waterbath opening and heating to the desired setpoint (2 setpoints are used between 93° and 103° F). The Reference thermometer is also inserted into the waterbath.

Once stable, the Caregiver thermometer is placed into the BB target in SURFACE mode and a reading is taken. The reading is then compared to the Reference thermometer.