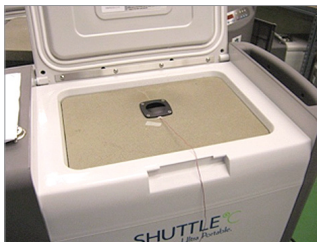


# SHUTTLE<sup>°C</sup> ULT:25NE

## RTD Calibration Procedure:

1. Place a thermocouple (1) inside the Shuttle cabinet.
  - **Note:** Display temperature is calibrated using a NIST traceable thermocouple located in the center of the cabinet (4.4" from back, 6.6" from left side, 6.7" from bottom).
2. Turn Shuttle on.
3. Set temperature to -80°C.
4. Wait until the display reads -80°C.
  - For best results wait an additional hour to ensure uniform cabinet temperature.
5. Connect a NIST traceable thermocouple reader (2) to the thermocouple located inside the cabinet.
6. Slide open filter door located on the side of the cabinet (3).
7. Using an extra-long screwdriver (4) (Recommended: Wiha #261 09) locate the potentiometer through filter opening (5).
8. Turn the adjustment screw until the Shuttle display temperature is the same as the hand-held instrument.  
**¼ Turn = 3 DEGREES**
9. Turn the screw to change the temperature indicated on the display (clockwise for warmer and counter-clockwise for colder).
10. After making an adjustment, **WAIT 15 SECONDS** for the Shuttle indicated temperature to register the adjustment. Repeat adjustment if necessary.
11. Calibration Complete.

1



Thermocouple

2



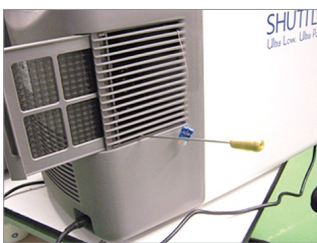
HH-176 Handheld

3



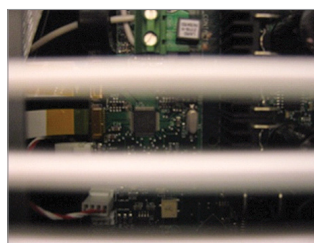
Filter Door

4

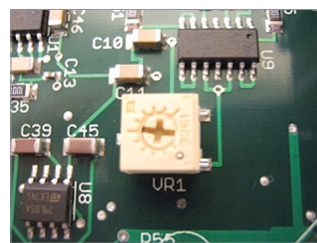


Adjustment Tool

5



Calibration Screw visible through filter



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