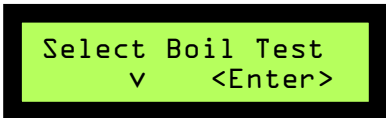
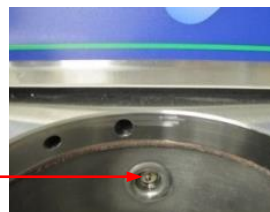


A Boil Test is done to ensure that the ANKOM DELTA Fiber Analyzer temperature control is properly calibrated. To run a Boil Test, follow the procedure below.

1. Turn on the instrument. Remove the bag suspender from the vessel.

2. When you see  on the display, press the ENTER button.

3. Record Voltage:




- a. Record the voltage shown on the display just after starting the routine. _____V
(Should be between 5-10 VDC)
- b. Pour the 2L of hot water into the digestion vessel so that the glass level sensor tip is under water.
- c. Record the voltage after the water covers the level sensor tip _____V  Level Sensor Tip
(Should be between 0-3 VDC)

Agitation and heat begin automatically.

4. Do not close the lid. Occasionally stir the water to ensure uniform heating.

The water should begin to boil in 10-15 minutes.

5. When a strong boil is reached, stir the water in the vessel and record:

- a. The temperature on the controller. _____°C  Controller
- b. The temperature on a calibrated thermometer. _____°C
(Place the thermometer near the probe at the bottom of the vessel.)  Calibrated Thermometer
- c. The temperature shown on the display. _____°C  Temperature Probe

Note: If these three temperatures are not within 1 degree of each other, contact ANKOM Technology for assistance.