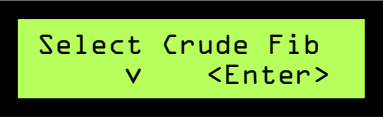
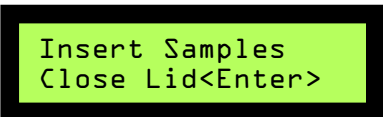


A Boil Test is done to ensure that the ANKOM²⁰⁰⁰ Fiber Analyzer temperature control is properly calibrated. To run a Boil Test, follow the procedure below.

1. Disconnect cubetainers if connected.
2. Fill a pitcher with approximately 2L of hot water (50 °C or above) and set aside for later.
3. Turn on the instrument. Remove the bag suspender from the vessel.

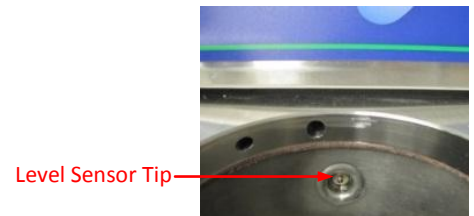
4. When you see  on the display, press the ENTER button.

5. When you see  on the display, press the ENTER button.
(Do not insert samples. Do not close lid.)

6. When you see  on the display, press the START button.

7. Record Voltage:

- a. Record the voltage shown on the display before pouring in the water. _____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 pouring in the water. _____V
(Should be between 0-3 VDC)

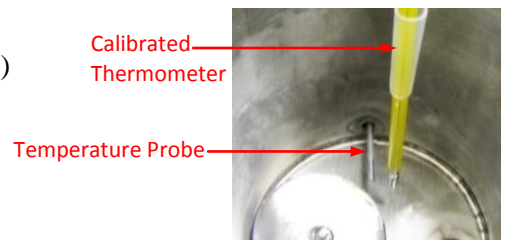


Agitation and heat begin automatically.

8. Do not close the lid. Occasionally stir the water to ensure uniform heating.
The water should begin to boil in 5-15 minutes.

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

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



Note: If these three temperatures are not within ½ degree of each other, contact ANKOM Technology for assistance. Send results to service@ankom.com