

This procedure is used for checking the function of the agitator motor and the stroke of the agitation system.

**Note:** The agitation system should be checked every three to six months or if fiber values are higher than normal or inconsistent.

**1. Check the function of the agitator motor.**

- a. Place a bag suspender with all 9 trays in the vessel along with the bag suspender weight, but add NO water.
- b. Press the **AGITATE** button so that it is lit. This turns the agitator on.
- c. Verify that the bag suspender moves up 16 times in 15 seconds (65 rpm).
- d. Press the **AGITATE** button so that it is NOT lit. This turns the agitator off.



**2. Mark the agitator stroke.**

- a. Leaving the bag suspender in the vessel, remove the bag suspender weight.
- b. Remove the top from a dark felt tip marker and lay the marker horizontally on the top of the bag suspender so that the tip touches the inside wall of the vessel.
- c. With constant, light, downward pressure on the marker, hold the pen in place so that it rides the top tray up and down once the agitation has begun.
- d. Turn on the instrument using the power switch on the lower right side of the machine.
- e. Press the **AGITATE** button to begin.
- f. Allow the bag suspender (& pen) to move up and down three or four times as the pen marks the vessel wall.
- g. Press the **AGITATE** button to stop the agitation.



**3. Measure the agitator stroke.**

- a. Turn off the instrument power switch.
- b. Remove the pen and the bag suspender from the vessel.
- c. Measure the mark on the vessel wall. It should be 1/2 inch in length.



**4. Replace a worn Kynar Tip (if necessary).**

If the motion is less than 1/2 inch, you will need to replace either the Bag Suspender Tip (Kynar Tip w/ washer Assembly - part # 11.5) or the agitator (Agitator Assembly - part # 8.9) because the old disc has flattened.

