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.