

**Wisconsin Department of Corrections – Dental Services
Ultrasonic Cleaner Foil Testing Procedure
2010**

The following aluminum foil test is a simple and fast method to check for an even distribution of the cleaning power in an ultrasonic cleaner.

1. Cut a piece of regular household aluminum foil to the same width and height as the ultrasonic tank. (Ex: 9 inches by 5 inches).
2. Fill the tank with a fresh solution of cleaning solution, per manufacturer's directions.
3. Do not turn the heater on. Insert the foil into the chamber but leave it about one inch above the bottom.
4. Holding the foil steady, turn on the ultrasonic unit for 20-60 seconds. If the unit has a high/low setting, set it on "high" for the test.
5. Remove the foil and note the pebbling effect on the foil. It should be uniformly pebbled. If areas greater than ½ inch show no pebbling, it means the unit may require servicing.