

# BioSonic®

## Ultrasonic Cleaner Performance Test

The performance of the ultrasonic cleaning unit should be tested by using three strips of regular weight (household) aluminum foil.

1. Prepare a fresh tank of cleaning solution according to the manufacturer's directions. Run the unit for 5 – 15 minutes to degas the solution. This degassing will eliminate any air found in fresh solution. Turn unit off.
2. Using 3 rods, suspend 3 pieces of foil in the solution, making sure the edge of the foil is approximately 1/4" from the bottom and sides of the tank (**Figure A**). **Note: The aluminum foil should not come in contact with the bottom or sides of the tank.**
3. Turn unit on and run the unit for 5 minutes (**Figure B**). Lift the foil out of the solution. An ultrasonic cleaner that is working properly will leave a pitted/wrinkled pattern. Holes should be observed in 1 or more of the aluminum foil pieces (**Figure C**).
4. Contact your dealer or Coltène/Whaledent for service if needed.
5. Date the foil and keep as a reference for the next time this test is performed.

If you have questions, contact our Customer Service Department at 1-800-221-3046.



Figure A



Figure B



Figure C

The performance of the ultrasonic cleaning unit may also be tested using a sheet of ground glass.

1. Rub the surface of the glass with standard HB pencil lead.
2. Immerse the glass in the unit.
3. Run the unit for 3 minutes.
4. Remove the glass. The pencil mark should be completely removed.
5. Contact your dealer or Coltene/Whaledent, Inc. for service if needed.

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