

# BioSonic<sup>®</sup>

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## Ultrasonic Cleaner Performance Test

The performance of the ultrasonic cleaner unit should be tested per the following method:

### **Pencil Load Test**

1. Fill the ultrasonic cleaning tank to the operating level with cleaning solution according to the manufacturer's directions.
2. Run the unit for 5-15 minutes to degas the solution. The degassing will eliminate excess air present in the solution.
3. Rub the surface of an unglazed ceramic disc or plate having a matte finish and a diameter of approximately 50mm (thickness is not critical) with a standard HB pencil lead and then immerse the disc in the ultrasonically agitated cleaning tank. A ground glass stopper, a sheet of ground glass or an aluminum sheet with a thickness of 2mm to 3mm may be substituted for the ceramic disc.
4. The ultrasonic cleaner should completely remove the pencil lead within 3 minutes.
5. Consult your dealer or Colténe/Whaledent, Inc. for service if needed.

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