

Foil Test Validation Procedure

AS2773

Step 1 Machine preparation



Connect to power and perform safety checks.

On a level surface, three-quarters fill tank with fresh water at 20-30°C. Measure the amount of Sonic1 or Soniclean Detergent required for a 0.5% dose and sprinkle into the tank close to the sides.

Press **degas**.

(Degassing removes gasses trapped in the water and completion is typically characterised by a hissing noise, as the water surface breaks into ripples.)

This process will condition the contents of the tank and prepare the machine for optimal cleaning performance.)

Step 2 Testing procedure



Cut thin aluminium foil (0.025mm) to suitable size for the machine tank.

Press **more** or **less** to set timer for a minimum of ten seconds. Press start.

Insert foil into water and solution mix, avoiding contact with tank.

Remove after 10 seconds.

(The foil should be long enough to allow the operator to maintain a firm grip of the foil, without submerging fingers or foreign objects into the tank.)

Step 3 Test analysis



Examine the foil for even distribution of indents or perforations.

Document results, including temperature, time, liquid solution type and dose percentage.

(If there are few or no indents or perforations, your machine is not functioning correctly, requiring maintenance or repair; uneven distribution should be inspected by an ultrasonics technician.)

(Note: it is recommended not to operate your ultrasonic unit without a lid when not testing. Accessories and tray/basket should not be in the tank during testing procedure.)