Renfert

making work easy

Easyclean
Ultrasound efficiency

Checking the Ultrasound Function in the Easyclean with an Aluminum Foil Test

This method is a common test for checking the ultrasound function / cavitation. The generated cavitation energy is visualized with small indentations and holes in the aluminum foil. Carry out the first test as soon as possible after purchase and compare the results at regular intervals (e.g. monthly). The user is responsible for test frequency and evaluation of the results. The tests must always be performed under the same conditions, as described below.

1. Fill the cleaning bath up to the specified fill level with fresh water + wetting agent (e.g. a few drops of dishwashing detergent for surface relaxation) and degas for at least 10 minutes (for this function, see Instructions for Use). Switch the heating element off.

2. Cut a piece of household aluminum foil to the required size, according to the base area of the stainless-steel insert basket (available as an accessory, REF: 18500003).

3. Place the aluminum foil into the insert basket or hold it in the ultrasonic bath with a pair of tweezers. In order to be able to compare the results, ensure that the aluminum foil is always in the same position.

4. Switch the ultrasound on (without sweep-function) to take effect on the aluminum foil for 1 minute (without basket for 1/2 minute).

5. Switch ultrasound off, remove foil and dab dry: indentations and perforations (holes) must be visible throughout the entire area of immersed foil. It is not the even distribution of perforations, but the comparison of the individual test results which is relevant for identifying a consistent cleaning performance.

6. Make a note of the test date on the aluminum foil using a suitable, waterproof pen and place this e.g. into a clear sleeve + file, for documentation.

7. Important: Throw the liquid away and clean the basket thoroughly after performing the test.

Example of a piece of aluminum foil after the ultrasound test in the Easyclean

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