

The clean monitoring user guide

LumCheck for ultrasonic cleaner

A Functional test

The functional test will check the functional operation of the ultrasonic cleaner.

By checking the distribution of cleaning efficiency within the bath to ensure that the machine is working to meet your requirement, it will allow you to safely perform the routine test. In addition to this the functional test will also allow you to optimise your process in case of unsatisfactory results (please refer to the **TOSI troubleshooting guide**).

The functional test is performed under normal conditions but in an empty ultrasonic tray. Several cycles may be necessary to complete all the checks in different positions or at different connections.

B Routine test (test result must be positive!)

The routine test will monitor the performance in practise for your load safety.

Parameters such as: Water level, de-gassing, instrument load and energy supplied by the transducers can vary the process, affecting its performance. Only the routine test will show a decrease in time avoiding a low efficient reprocessing of instruments.

The routine test is performed under normal conditions and with a normal load of instruments. Lumcheck is always placed between your instruments. In addition weak spots may be checked seperately.

C Quality assurance

- use the **functional log book** and the **routine log book** to record your results
- Repeat the functional test after each service and as a quaterly check.
- When loading your ultrasonic cleaner do not place instruments on blind spots and avoid critical instruments on any weak spots.