



SonoCheck trouble-shooting guide

SonoCheck for ultrasonic cleaner

In case of unsatisfactory results during functional or routine test (no colour change or colour change much slower than average) please check the following instructions:

| Parameter | Possible reasons | Corrective actions |
|-------------|---|---|
| De-gassing | dissolved gasses may absorb ultrasonic energy | refer to the manual instruction for proper de-gassing |
| Water level | reflection of ultrasonic energy on the surface may change energy distribution | refer to the manual instruction for right water level |
| Cycle time | depending on the energy provided in the bath, a longer time may be needed for sufficient energy | extend cycle within a reasonable time (eg: 5 to 10 min.) to obtain a better result |
| Load | a heavy load or certain type of material can absorb ultrasonic energy | redo the functional test, reduce load or check for absorbing material like plastic or silicon |
| Transducers | the efficiency of the transducers may decrease with age or individual transducers may be out of order | redo the functional test and check the individual transducers |
| Low energy | not enough energy supplied by the transducers, or the ultrasonic basket may absorb too much energy | redo test without ultrasonic basket, compare energy level with another equipment/call for service |

Note: If during optimisation, the Ultrasonic cleaner is taking longer than 15 mins to indicate a positive result, it will indicate a blind spot or if the test is taking longer than the average performance (approx. 1-3 mins) it will indicate a weak spot.