

SonoCheck trouble-shooting guide

If the SonoCheck ultrasonic cavitation monitor does not change color or if the time required to generate the color change takes longer than normal, please check the following guide:

| Problem | Reason | Corrective action |
|----------------------|---|--|
| De-gassing | Dissolved gasses will absorb ultrasonic energy | De-gas solution according to equipment manual |
| Water level | Ultrasonic energy may reflect off of the surface of the solution and change energy distribution | Check equipment manual for correct water level |
| Operating cycle time | Time varies with the amount of ultrasonic energy available | Longer operating cycles generally provide better results |
| Instrument load | Heavy instrument loading and certain materials can absorb ultrasonic energy | Look for weak points using the periodic functional test and check for ultrasonic absorbent material like silicone or plastics |
| Transducer failure | Transducer efficiency may decrease with age. Individual transducers may fail while others in the equipment continue to function | Perform periodic functional test, placing Sonocheck monitors in each transducer location (see equipment manual) |
| Low energy | Transducer inefficiency or the ultrasonic basket may absorb too much energy | Check performance without basket in place. Compare performance against another ultrasonic cleaner if available. Call for service |