

SonoCheck

Declaration of conformity to daily routine test for ultrasonic cleaners: Australian Standard AS/NZS 4187:2003 and AS 2773.1-1998 / AS 2773.2-1999 Ultrasonic cleaners for health care facilities

Ultrasonic cleaners are widely used for cleaning of complicated surgical instruments and has also many applications in the pharmaceutical industry. The strong mechanical action of ultrasonic cleaning is based on an effect called cavitation. These tiny implosions loosen dirt particles and speed up the cleaning process. As for all cleaning processes, monitoring of the efficacy is mandatory for quality assurance. The most critical parameter for ultrasonic cleaning is the energy distribution and its ability to create cavitation. The function of the ultrasonic transducers must be checked on a daily base according to AS 2773.1 / AS2773.2 – 1999 and AS/NZ4187 2003.

Conformity of test methods

New methods to achieve the intent of the standards are encouraged. SonoCheck monitors the efficacy of the transducers by indicating sufficient energy to create cavitation. SonoCheck proves to be a more efficient and safer way for the daily routine test than the aluminium foil method described in the standards.

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