

TECHNION SAFETY UNIT PUBLICATIONS

Safety instructions for work with a sonicator

Rule: do not work with the equipment before receiving training from an authorized person and before you know all the risks involved in the work.

Before operating the device ensure:

- The power system and the sound proof cabinet are in good working order
- Do not hold the sample in your hand while operating the device
- Be familiar with the potential hazards involved in device operation with your sample (such as aerosols or harmful gases as a result of the process)
- The process generates heat – do not use flammable liquids with flash point below 45°C (such as ether)
- Protect the eyes against splashes due to sonication with protection glasses or face mask
- Use hearing protection. Noise intensity can be higher than 80 dB.
- There is no special warning for instrument risks but as a recommendation, for continued operation it is better to stand away from the sonicator.
- Prior to cleaning, stop the instrument, disconnect it from the socket then clean it

DO NOTHING THAT MIGHT ENDANGER YOU OR OTHER PERSONS

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IN EMERGENCY, CALL 2222