Sonicator

Guide to using the sonicator

sonicator checklist

Start up

- Make sure that the probe you are using is tightly attached (The 96-well probe may be tightened by hand, but the microtip probe must be tightened using the wrench set).
- Close the door.
- Put on ear protection.
- Turn on (Switch is on the back, top left corner).
- Indicate if you are using a microtip or not

Running the sonicator

- Press select a program.
- Press select/modify program
- Select the desired program by hitting the program number (0-9) and hitting ENT. (For the sonication of yeast cells use program 0. It delivers five second bursts at an amplitude of 10).
- Hit Run.
- Wipe down the probe with ethanol.
  1. Vortex sample.
  2. Insert probe into sample. Make sure the tip of the probe is centered in the sample.
  3. Hit Start.
  4. Wait for the program to complete.
  5. Remove your sample.
  6. Wipe down the probe with ethanol.
- Repeat steps 1-6 with all remaining samples.

Shut down

- Turn off the sonicator.
- Wipe down the probe with ethanol.
- Remove ear protection.
- Open the door.
- Clean up the area.