

Ultrasonic Cleaning Procedure

Notes:

- *The heating element is no longer functioning, so we are cleaning without heating the solution.*
- *Solution should be degassed prior to placing parts in the bath. If the solution has recently been degassed (within the last several hours) there is no need to degas it again.*

Procedure

1. Make sure drain is closed (valve on outer left side, has tube running from it).
2. In a glass/pyrex container of the appropriate size, add distilled water and Simple Green in a 10:1 ratio (10% concentrated solution of Simple Green).
3. Place container in ultrasonic bath, and fill the bath with tap water (do not fill past line on the back of the ultrasonic cleaner).
4. Flip power switch to On. Press “Select Option” button until green light next to **degas** is lit. Press “Set Display” to set degas time to 5-10 minutes (skip this step if solution was recently degassed). Press On/Run button to run degas mode.
5. Once degas is complete place parts to be cleaned in glass/pyrex container. Put in just enough parts so that they are not touching each other. Too many parts in the cleaner may damage them.
6. Press “Select Option” button until green light next to **sonics** is lit. Press “Set Display” to set sonics time to 10-15 minutes. Press On/Run button to run sonics cycle (main cleaning cycle).
7. When cleaning is finished, re-clean part using distilled water only.
8. When distilled water cleaning is finished, re-clean using ethanol/ethyl alcohol. Note that if you are cleaning a large number of parts, it is acceptable to reuse the ethanol.
 - **CAUTION:** only use alcohol inside a glass container – never fill the ultrasonic bath with any flammable liquid.
9. When ethanol cleaning is finished, turn off ultrasonic cleaner, remove part, dry with air hose if necessary, and place part on clean bench.