

## Cleaning and Lubricating Guns with A SharperTek Ultrasonic Gun Cleaning System



SharperTek's Best Selling Hand Gun Cleaner Package

### ***Ultrasonic Gun Cleaning Basics***

A SharperTek Ultrasonic Gun Cleaning System is a great way to clean and lubricate guns. With a few common sense precautions, you can save a heck of a lot of time getting your guns clean and lubed.

***It is important to note that not all finishes and materials are suitable for the ultrasonic cleaning process. Before you commit to cleaning your gun in an ultrasonic process, you should first check with the manufacturer to see if they approve your gun model for ultrasonic cleaning.***

The following how to information will help you get the most out of your ultrasonic gun cleaning and lubrication system.

### ***How To Clean And Lube A Gun Using SharperTek Ultrasonics***

#### **Basic Cleaning Step By Step**

1. Field strip the gun
2. Swab the bore with a good defouler like Hoppes #9
3. Insert the stainless steel basket into the ultrasonic cleaning system
4. Insert the polycarbonate tray into the stainless steel basket



5. Add cleaning solution concentrate (see table)

Cleaning Solution	SH150-4L (1gal)	SH150-6L (1.5gal)	SH600-28L (7.5gal)
SH-44 Concentrate	6 fluid ounces	9 fluid ounces	42 fluid ounces
725 Concentrate	25 fluid ounces	38 fluid ounces	162 fluid ounces

6. Turn heating unit on to 50 degrees C
7. Insert gun parts into the ultrasonic cleaner
8. Set the cleaning time for between 5 and 30 minutes, depending on how dirty the gun is. (Light maintenance on the lower end of the time scale, heavy cleaning on the higher end of the time scale.)
9. Turn the ultrasonic cleaner on
10. Check guns periodically for cleanliness
11. When clean, turn off heat and the ultrasonic unit
12. Swab the bore with a good defouler like Hoppes #9
13. Always lubricate your gun after cleaning (See Next Section)

### ***Ultrasonic Gun Lubrication Basics***

If you are using a single tank system, you will need to remove the cleaning solution from the tank and replace it with lubricating solution. The cleaning solution can be recovered and stored in a jug for later use.

If you are using a multi-tank system you can prepare the lubrication tank while the cleaning tank is in use. The process below outlines use with a single tank system.

***Note: When replacing the cleaning fluid with lubrication fluid, be sure to use the lubrication fluid at full strength. Do Not Dilute!***

1. Lift basket with gun parts and polycarbonate tray out of the ultrasonic cleaner
2. Rinse the gun with water to clear it of residue
3. Clean the ultrasonic tank of any residue from the cleaning process
4. Replace the cleaning solution with lubrication solution. Be sure there is enough lubricating solution to cover the gun parts completely
5. Put gun parts on to the polycarbonate pan and lower the pan into the ultrasonic tank
6. Turn on ultrasonic power for 5 minutes. ***Note: Do not energize the ultrasonic tank while it's***

*empty. Damage will occur.*

7. After 5 minutes, lift the polycarbonate tray and the gun parts out of the solution
8. Lift the gun parts from the polycarbonate tray and wipe with cotton cloth to absorb excess lubricant. Be sure to leave a fine coating of lubricant on the gun parts. (You may also gently blow air across the gun and parts to remove excess lubricant.
9. Turn off ultrasonic power and ultrasonic heater
10. Reassemble the gun paying attention to any items which may need additional lubricant.

## ***Cleaning Up***

After you have cleaned and lubricated your guns, cleanup is simple. Recover and store the lubricant from the system. You can place it in its original jug for later use. Remember, the cleaner you keep the lubricant, the more times it can be reused. If you are using a single tank system this becomes important when you remove the residue from the cleaning process. The lubricant can be reused many times if it is kept clean.