



Lock-N-Load[®] Magnum Sonic Cleaner[™]

Thank you for purchasing the Hornady Lock-N-Load[®] Magnum Sonic Cleaner[™]. Please read these instructions before using this machine. If you have any questions about this product, contact us at 1-800-338-3220.

The Hornady Lock-N-Load[®] Magnum Sonic Cleaner[™] removes carbon residue from the inside and outside of cartridge cases with high frequency ultrasonic energy and a specialized cleaning solution. Unlike case tumblers, the Lock-N-Load[®] Magnum Sonic Cleaner[™] effectively cleans the inner surfaces of cartridge cases as well as the primer pockets. The Lock-N-Load[®] Magnum Sonic Cleaner[™] features a 3 liter stainless steel tank, removable basket, digital minute timer, and adjustable heater. The Lock-N-Load[®] Magnum Sonic Cleaner[™] may also be used to clean other small parts.

The primary function of the Lock-N-Load[®] Magnum Sonic Cleaner[™] is to chemically and mechanically clean a variety of items. It may or may not produce "shiny" brass. To create bright and polished brass we recommend using the Hornady Case Tumbler. Not all carbon buildup and tarnish may be removed from cases due to the corrosive nature of some primer residue and/or deep corrosion.

IMPORTANT SAFETY FUNCTIONS

WARNING - Before operating the unit, please carefully read and understand this document.

- 1.) Only use Hornady approved cleaners such as One-Shot[™] Sonic Clean Brass Solution or One-Shot[™] Sonic Clean Gun Solution.
- 2.) Leave the machine unplugged until you are ready to clean cases and have read these instructions.
- 3.) Unit must be unplugged when filling or emptying tank.
- 4.) Do not overfill tank.
- 5.) Do not place hands in unit while unit is running.
- 6.) Do not plug in or unplug unit with wet hands.
- 7.) Do not immerse unit in water.
- 8.) Do not place cases or other objects directly on the bottom of the tank. **ALWAYS** use the basket.
- 9.) Do not operate unit if power cord is damaged, the unit has been submerged in water, or appears damaged.
- 10.) Do not leave plugged in and/or unattended.
- 11.) Do not operate unit without solution in tank.
- 12.) Do not put easily discolored items into tank such as clothing, leathers, wood etc.
- 13.) Do not put electrical devices into unit that are not waterproof.
- 14.) Do not clean eyewear frames or artwork made from shell or hawkbill.
- 15.) We do not recommend cleaning aluminum parts in the unit. This unit may damage low grade and/or thin aluminum.
- 16.) Do not leave cleaning solution in tank for an extended period of time.
- 17.) When using heating function, solution may become **VERY HOT** and can cause potential burns or damage to delicate items. Use **EXTREME CAUTION** when handling heated solution and items.

MAINTENANCE

If the unit will not be used for an extended period of time, unplug the power cord, empty the tank and rinse it with fresh water.

Use a damp towel to remove any chemical residue from the tank. Use a soft clean towel to dry the surface of the tank and store the unit in a cool/dry location. Renew cleaning solution often to maintain the efficiency and performance of the Lock-N-Load[®] Magnum Sonic Cleaner[™]. Solutions, as with most chemicals, become spent over time. Replenish solution when it becomes visibly dirty or if you notice a decrease in cleaning effectiveness.

CLEANING INSTRUCTIONS – BRASS CASES

Before you start cleaning cases, make sure all spent primers have been removed with a full-length die, neck die or decapping die. This will greatly enhance the cleaning of primer pockets.

Check to make sure the power cord is NOT plugged in. Place cases in basket and lower into tank. Add enough water so the cases are completely submerged. Mix solution according to instructions on bottle. Cases must NOT come into contact with the tank!

Plug in power cord and set timer by pressing the “+” or “-“ button until the desired cycle time appears. Press the ON/OFF button to start your desired cleaning cycle. The unit will generate a buzzing sound during operation.

Press the ON/OFF button to stop or pause a cycle. Press the ON/OFF button to restart current cycle.

Check cases periodically to determine appropriate cleaning time. Stirring or re-positioning parts in solution every 5-8 minutes will also enhance cleaning performance. Most cases will be clean after 15-25 minutes.

Unplug power cord and drain cleaning solution into tank by lifting and tilting basket with the cleaned cases. Rinse cleaning solution from the cases. De-ionized water will minimize water spots on the cases while they’re drying. When you have finished cleaning cases, unplug unit and pour used solution out over one of the back corners of the tank. This will minimize the possibility of water making contact with the internal components. Do not pour cleaning solution out over the front of the unit.

CLEANING INSTRUCTIONS – OTHER ITEMS

The above steps can be used to clean other items such as small gun components, metallic shooting and reloading equipment as well as other waterproof household items. If you wish to clean sensitive or valuable items, use distilled water in the tank without any type of detergent or cleaning solution and heating function off. Read and follow instructions on cleaning solution bottles. Do not use the Hornady One-Shot™ Sonic Clean Brass Solution to clean non-brass items, as it may harm some finishes. Thoroughly rinse the inside of the Hornady Lock-N-Load® Magnum Sonic Cleaner™ tank when switching cleaning solutions. Oversized items that do not fit in the tank can be cleaned by partially submerging one end and then rotating and repeating the cleaning cycles.

HEATING FUNCTION

WARNING

- Always use caution when handling heated solution and parts.
- Use caution when heating delicate items to prevent damage.
- Exercise caution when using heating function on brass cases.
- Even with the heating function turned off, the ultrasonic energy will cause the solution temperature to increase.

Set the heating function thermostat by pressing the “+” or “-“ button until the desired temperature appears. Press the ON/OFF button to turn the heating function on.

A solid temperature display indicates the actual solution temperature, while a flashing temperature display indicates the target solution temperature. You can check the target temperature during operation by pressing the “+” or “-“ button.

WARRANTY

Hornady Manufacturing warrants to you that for one year from the date of purchase, your Lock-N-Load® Magnum Sonic Cleaner™ will be free from defects in material and workmanship. This warranty does not cover damage caused by normal wear, accidents, abuse or failure to provide proper care and maintenance.

SPECIFICATIONS

Model #: 043340
 Tank Dimensions: 9.4” x 5.5” x 3.9”
 Tank Capacity: 3 Liter
 Timer Settings: 0-99 Minutes
 Power Supply: AC 110-120V 60Hz
 Frequency: 40000 Hz