

SPECIFICATIONS

Description	Ultrasonic Cleaner
Model	Turbo Sonic Power Pro
Item No.	(115V) 7631734
Tank Size	35.75 x 8 x 6.25 in. / 90.8 x 20.5 x 15.9 cm
Longest item that can fit in tank	34 in. / 86.3 cm
Rating voltage and frequency	AC 100~120V 50~60Hz
Power consumption	500W
Timer	1 to 20 minute full range timer
Temperature settings	68°F - 176°F / 20°C - 80°C
Drainage	Drainage Valve
Ultrasonic frequency	40,000 Hz
Tank material	Stainless Steel
Housing material	Stainless Steel
Net weight	73 lbs / 33 kg
Gross weight	78 lbs / 35 kg
Unit size (w/out wheels or drain)	38.5 x 10.75 x 14.0 in. / 97.8 x 27.3 x 35.6 cm
Box size	45 x 15 x 17.5 in. / 114.3 x 38.1 x 44.5 cm

Lyman®

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Lyman®



**Power Pro
TurboSonic®
Ultrasonic Cleaner**

Lyman has introduced the market's largest and most powerful ultrasonic cleaning system: The Turbo Sonic Power Pro. This system's extra-long, heated tank and ten powerful industrial transducers allow gunsmiths, armorers or any shooter to quickly and easily clean, lubricate and protect the widest range of metal items.

Designed for high volume cleaning or for larger than normal items, the new Turbo Sonic Power Pro's thirty-six inch heated tank can easily handle most barreled actions, upper receivers, as well as quantities of handguns. The powerful industrial transducers aggressively deep clean and degrease items, both inside and out. In fact, the Power Pro is such an effective cleaner that Lyman recommends that cleaned parts immediately be ultrasonically treated with Lyman's Turbo Sonic Gun Lube. Changing from cleaning to lubricating is easy with the built-in drain system. Lyman now offers both cleaning concentrate and parts lubricant in gallon containers.

Read Before Operating

Ultrasonic cleaners are very easy to use. To get the best results from your new purchase we recommend that you read this users guide before getting started. If after reading instructions, you do not fully understand the operation of the machine, you may contact Lyman customer service at 1-800-22LYMAN for further assistance.

Main Features

- Extra-large tank capacity: 7 U.S. Gallons
- Tank Size: 35.75 x 8 x 6.25 in. / 90.8 x 20.5 x 15.9 cm
- Industrial grade stainless steel construction
- Ten industrial ultrasonic transducers with independent control circuits
- High powered heater
- Easy to use controls: set temperature and desired cleaning time
- Cooling fan
- Built-in drain: Convenient clean-up
- Multiple circuit protectors

Safety Instructions CAUTIONS!!!

Please read the following very carefully as failure to comply may void warranty.

- Do not use for loaded cartridges
- Be sure all firearms are unloaded before cleaning
- Do not run unit for extended time: After 45 minutes of continuous use let unit stand for 20 minutes to prolong unit's life
- Do not operate unit without fluid in the tank. Always insure there is a minimum of 2" fluid depth

Warranty/Repair Policy


Your Lyman product has been produced under rigid standards of manufacture and inspection. However, if your Lyman product is found to be defective in material or workmanship within one year of delivery to the first retail purchaser, we will repair or replace it without charge. If you require service under this warranty, please return the complete item along with a letter of explanation, including your complete name and address, freight prepaid to the factory at the address listed below. Your Lyman product will be repaired or replaced and returned to you within 30 days of our receipt. In making any return of a Lyman product to the factory, please be sure it is packaged with proper care to protect it from damage in transit.

We are sorry, but our warranty cannot apply to a defect which results from misuse, abuse, neglect, accident or improper care, or if your Lyman product has been altered or repaired by anyone other than factory personnel. If the item is out of warranty and is in need of repairs, the Lyman product should also be returned to the same address listed below. Appropriate charges will apply for parts and labor. Estimates are available only when the item has been thoroughly inspected by our repair personnel.

Lyman Products Corporation
475 Smith Street, Middletown, CT 06457
Attn: Service Department

1-800-22LYMAN

WARNING:



DO NOT USE HEATER FUNCTION WITH TURBO® SONIC GUN LUBE. WHEN HEATED AT OR ABOVE THE FLASH POINT (146°F/63°C), VAPOR MAY IGNITE IF SUBJECTED TO AN IGNITION SOURCE, RESULTING IN A FIRE AND POSSIBLE INJURY. USE IN A WELL VENTILATED AREA.

- Provides corrosion inhibition and lubrication of steel parts
- Specifically designed for use in ultrasonic cleaning units
- Ultrasonic action allows the solution to penetrate even inaccessible areas of the steel parts
- Dry parts thoroughly before using TURBO® SONIC Gun Lube
- Thoroughly clean your ultrasonic tank before and after use

TURBO® SONIC Concentrated Cartridge Case Cleaning Solution

Scientifically formulated solution to clean brass cases, will remove tarnish, oxidation and carbon buildup better than competitive formulas. Designed for use in Lyman Turbo Sonic cleaners and other ultrasonic cleaners. Cleans brass inside and out, including primer pockets.

- Can be used to clean brass, copper, bronze and stainless steel
- May be used for removal of light rust from steel parts, but parts must be inhibited after cleaning
- Not recommended for use on aluminum, steel (other than for removal of light rust)
- Parts to be cleaned should not have excessive oil - remove bulk oil before cleaning in this solution
- Not recommended for cleaning silver, sterling silver or silver plating
- Will effectively clean gold jewelry, but avoid immersion of gemstones in the solution as they may be damaged by the solution or sonic energy or both
- When cleaning cartridge cases, avoid more than 2 layers - keep as much space between cartridges as possible.
- When cleaning cartridge cases, remove the basket from the unit and load the shells into the basket. Lower the basket into the solution and shake the basket slightly to help dislodge any bubbles that might be present inside the cases
- After making a new cleaning solution, preheat the solution and run the ultrasonic for a minimum of 5 minutes to “degas” the solution. Dissolved gas in the solution can diminish the ultrasonic energy
- Discard the solution when it becomes highly discolored or murky. Rinse the unit with clean water before recharging
- Do not mix with other cleaners or chemicals

- Do not drop any item in the tank as this may damage the transducers
- Always unplug unit when not in use
- Always use a grounded outlet
- Do not spray water or other liquids on unit, unplug unit and dry any spills immediately
- Always keep power cord away from heated surfaces, never use unit with damaged power cord
- Always place unit on dry stable surface for use, avoid blocking air vents
- Do not disassemble unit
- Always unplug unit before filling tank
- Never use flammable cleaning solutions
- Do not use heater function when using with Lyman “Turbo® Sonic Gun Lube” or other lubricants
- Do not fill tank with abrasive or corrosive materials, use only manufacturers recommended cleaning solutions
- Follow all instructions in this manual
- Never let items being cleaned come in contact with the tank, use supplied basket
- Avoid areas that may have electromagnetic interference

FEATURES AND ACCESSORIES:

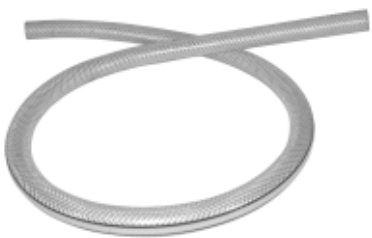
Along with your Power Pro Ultrasonic Cleaning Unit and Stainless Steel Lid, your shipping box should contain the following items:



Stainless Steel Parts Basket



Drain Hose Connector



Drain Hose



Power Cord

Operating Instructions

Start Up:

1. Fill stainless tank with water / cleaning solution (be sure unit is unplugged). Fill to a minimum of 2 in. and be sure parts to be cleaned will be fully submerged
2. Plug unit into grounded outlet.
3. If heating function is desired, set temperature on front control panel. Indicator light will illuminate. Allow unit to reach desired temperature. Typically 105°~140°F / 40°~60°C works best.
4. If new water / cleaning solution is being used you may want to degas solution. Run unit for a minimum of 5 minutes or until air bubbles are no longer seen. Degassing will increase efficiency of unit.
5. Load parts to be cleaned into supplied basket. Be sure to leave space between parts for greatest efficiency. Lower basket with parts into unit.
6. Turn the timer switch to the left for continuous "ON" or set your desired 1 - 20 min. run time by turning to the right. Indicator light will illuminate. While on, you will hear the ultrasonic working. Do not run the cleaner for more than 45 minutes continuous.

Shut Down:

1. You may stop the cleaner at any time by turning the switch to the "OFF" position.
2. Unplug the power cord, remove lid and remove basket with contents. Dry any spills immediately.
3. Attach the supplied barbed fitting and hose to the drain valve on the side of unit. Open the valve to drain the unit. Clean and wipe the tank dry. Do not store water or cleaning solutions in cleaning tank for any extended period of time.

User Maintenance

While your new Power Pro Ultra Sonic cleaner is nearly maintenance free, adhering to the following is strongly recommended.

- Unplug and empty unit after each use
- Do not store water or cleaning solutions in cleaning tank for any long periods of time
- Keep unit in a cool, dry, well ventilated location

Should your cleaner require any further maintenance / service please contact Lyman customer service. Any attempts to disassemble cleaner will void warranty.

Cleaning Solutions

It is important to use the proper cleaning solutions for the material being cleaned. Lyman offers several different ultra-sonic cleaning solutions for your specific cleaning needs. Always follow the directions on the label of the cleaning solution for best results.

TURBO® SONIC Concentrated Steel & Gun Parts Cleaning Solution

Scientifically formulated solution to clean steel and stainless steel parts, removes oil, dirt, carbon build up and powder residue. Ideal for deep cleaning gun parts and other steel items including reloading dies and mould blocks. Designed for use in Lyman Turbo Sonic cleaners and other ultrasonic cleaners.

- Can be used to clean steel, stainless steel and aluminum gun parts
- When cleaning aluminum, keep the use of the sonics to the minimum time needed. The part(s) can be allowed to soak (no sonics) to help in decreasing the time required for sonic cleaning. Aluminum can be damaged by excessive sonic energy
- Designed to clean oil/grease and carbon buildup
- Not recommended for cleaning silver, sterling silver or silver plating
- Avoid cleaning jewelry, particularly gemstones in this cleaning solution
- Will provide limited corrosion protection - after cleaning, do not rinse the part(s). The part(s) should be properly drained and allowed to air dry. Not meant as a long term inhibitor - part(s) should be oiled for long term corrosion protection
- After making a new cleaning solution, preheat the solution and run the ultrasonic for a minimum of 5 minutes to "degas" the solution. Dissolved gas in the solution can diminish the ultrasonic energy.
- Discard the solution when it becomes highly discolored or murky. Rinse the unit with clean water before recharging
- Do not mix with other cleaners or chemicals

TURBO® SONIC Gun Lube

Ultrasonic cleaning strips all traces of oil from your steel gun parts, leaving them susceptible to corrosion. TURBO® SONIC Gun Lube is scientifically formulated to prevent corrosion of steel gun parts after ultrasonic cleaning. Designed to be applied with your ultrasonic unit, TURBO® SONIC Gun Lube penetrates all areas of steel parts and leaves a thin film of corrosion protection and lubrication on all surfaces. Ideal for use in Lyman Turbo Sonic cleaners and other ultrasonic cleaners.