

1.2 QT

ULTRASONIC CLEANER



GEMORO®
POWERFUL ULTRASONICS



INSTRUCTIONS FOR USE & SAFETY PRECAUTIONS

THE FOUR BASIC STEPS

- STEP 1** - Plug the unit into an electrical outlet with the appropriate voltage. Do not turn the unit on yet. **It is important that you NEVER operate the ultrasonic cleaning machine unless there is water in the tank or damage may occur.**
- STEP 2** - Add an appropriate mixture of tap water and any of **GEMORO's** specially formulated ultrasonic cleaning solutions to the tank. Fill the tank to the MAX fill line as marked on the rear of the tank wall.
- STEP 3** - Place the jewelry to be cleaned in the supplied basket and submerge it in the tank. **It is important that you NEVER place items directly on the tanks bottom or damage may occur.**
- STEP 4** - Set the digital timer by pressing the "SET" button and scrolling through the preset times of: 90, 180, 280, 380 and 480 seconds. Once you reach the desired amount of cleaning time press the "ON" button to begin the cleaning cycle. This process may be repeated if additional cleaning time is required.

ELECTRICAL POWER INSTALLATION

Your **GEMORO** Powerful Ultrasonics model 1.2QT has been factory tested for use. It operates with 110V/120V and a 50/60 Hz cycle. The 1.2QT is supplied with an ungrounded polarized two-pronged plug, with one of the prongs being larger than the other. **NEVER attempt to modify the larger grounding prong as an electrical shock or fire may occur!** Insert the plug into an electrical outlet receptacle, which has a ground default device (GFI) for optimum safety operation. When possible, plug the ultrasonic into a separate dedicated circuit/outlet.

WATER/SOLUTION MIXTURE USED IN ULTRASONIC TANK

To achieve the best cleaning results from your ultrasonic, the proper cleaning solution must be added to the water in the tank. Choose from the selection of specially formulated **GEMORO** cleaning solutions for the ultimate cleaning experience.

WARNING: NEVER use flammable, acidic or ammonia-based solutions in your ultrasonic.

CLEAN JEWELRY & MORE

Submerge the included basket containing your jewelry or other items you wish to clean in the tank. Never place jewelry or anything being cleaned directly on the bottom of the tank, because it will cause pitting on the tank and damage the transducer, while voiding the warranty. Not all items including every type of jewelry or gemstones are suitable to be cleaned in an ultrasonic. Consult an expert to confirm if the item may be cleaned in an ultrasonic prior to cleaning.

IMPORTANT: BE CERTAIN TO ADD WATER AS IT EVAPORATES FROM THE TANK, WHILE NOT ALLOWING THE WATER LEVEL TO FALL BELOW THE MAX FILL MARK ON THE REAR OF THE TANK WALL.

DEGASSING PERIOD FOR SOLUTION

Water that has not been “degassed” will cause the cavitation (action) of the ultrasonic to appear very slow or flat. Depending on the type of solution you are mixing with water in your ultrasonic, the degassing time may vary from less than 5 minutes to as much as 15 minutes depending upon factors such as temperature and soap content. Degassing is the natural process of removing gasses from any tank solution being affected by ultrasonic sound waves. Degassing occurs whenever you first turn

on your ultrasonic with fresh water/solution in its tank and will reoccur each time you add to or change your water or solution mixture.

HELPFUL SUGGESTIONS & PRECAUTIONS

- Change the solution regularly.
- Clean the tank regularly.
- Keep the tank covered to avoid evaporation and reduce noise.
- For optimal cleaning, use any of the specially formulated **GEMORO** cleaning solutions mixed with water.
- Operate the ultrasonic with the proper level of water/solution in the tank.
- Allow adequate time for the degassing process to occur to the water/solution in the tank.
- Always turn off and then unplug the ultrasonic prior to emptying and cleaning its tank.
- Never allow jewelry or other items to be placed directly on the bottom of the tank.
- Never use flammable, acidic or ammoniated liquids in the tank.
- Never operate the ultrasonic without water/solution in the tank.

The following list of chemicals can attack the stainless-steel tank in your ultrasonic.

DO NOT USE ANY OF THESE CHEMICALS!

Acetic Acid (70 + degrees F)	Ferrous Chloride
Acetol Chloride	Fluorine
Acetol Bromide	Freon
Methyl Alcohol	Hydrobromic Acid
Aluminum Chloride	Hydrochloric Acid
Aluminum Fluoride	Hydrocyanic Acid
Anhydrous Ammonia (70 + degrees F)	Hydrofluoric Acid
Aniline Hydrochloride	Hydrofluosilicic Acid
Antimony	Iodine
Antimony Trichloride	Ketones
Benzene	Lactic Acid (70 + degrees F)
Bromine	Magnesium Chloride
Calcium Hydroxide (50% + strength)	Mercuric Chloride
Carbon Disulphide	Muristic Acid
Carbon Tetrachloride	Oleic Acid
Chloroacetic Acid	Oxalic Acid (70 + degrees F)
Chloric Acid	Phosphoric Acid (70 + degrees F)
Chlorinated Water	Silver Bromide
Chromic Acid (70 + degrees F)	Silver Chloride
Citric Acid (70 + degrees F)	Sodium Hypochlorite (5% +)
Copper Chloride	Stannic Chloride
Ethers	Stannous Chloride
Ethyl Bromide	Sulphur Chloride
Ethyl Chloride	Sulphur Monochloride
Ethylene Dichloride	Sulphuric Acid
Ferric Chloride	Sulphurous Acid
	Trichloroacetic Acid
	Zinc Chloride (70+degrees F)

PRELIMINARY GUIDELINE FOR GEMSTONE CLEANING

GEMSTONE	TOUGHNESS	ULTRASONIC
Alexandrite	excellent	usually
Amazonite	poor	never
Amber	poor	never
Amethyst	good	usually
Aquamarine	good	usually
Citrine	good	usually
Coral	fair	risky
Diamond	good	usually
Emerald	poor	never
Garnet	fair	usually
Iolite	fair	risky
Lapis Lazuli	fair	risky
Opal	fair	never
Pearl	good	never
Peridot	fair	risky
Ruby	excellent	usually
Sapphire	excellent	usually
Spinel	good	usually
Tanzanite	fair	never
Topaz	poor	never
Tourmaline	fair	risky
Turquoise	fair	never
Variscite	fair	never
Zircon	fair	risky

WARRANTY

Congratulations on your purchase of the **GEMORO** Powerful Ultrasonics Model 1.2QT. Your Model 1.2QT features a ONE YEAR LIMITED WARRANTY. The applicable warranty period begins on the date that your Model 1.2QT is purchased, as noted on the bill of sale (if supplied) or through the Model 1.2QT serial number tracking system, as interpreted by the factory (the “Warranty Commencement Date”). The ONE YEAR LIMITED WARRANTY begins on the Warranty Commencement Date and expires one year thereafter (the “One Year Warranty Period”). During the One Year Warranty Period, the Model 1.2QT is warranted against defects in materials and workmanship under normal and intended use. No warranty, of any kind or character, exists after the expiration of the applicable One Year Warranty Period. If a defect exists, at its option **GEMORO** will (1) repair the product at no charge, using new or refurbished replacement parts, (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product, (3) in the event the Model 1.2QT is no longer available or has been discontinued and warranty coverage is applicable, at the factory’s sole discretion, a substantially equivalent ultrasonic cleaner may be substituted in place of the defective Model 1.2QT or (4) refund the purchase price of the product. A replacement product/part assumes the remaining warranty of the original product from the date of replacement or repair. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes **GEMORO**’s property. If and when a refund is given, your product becomes **GEMORO**’s property. The purchaser shall incur the cost for return postage, insurance and handling for all warranty and non-warranty repairs. **Warranty repairs and/or replacements will be shipped back to the customer FOB Destination to the location of the customer’s choosing if within the Continental United States (U.S.). Non-warranty repairs will be shipped back to the customer**

FOB Factory. Should the customer require the repair and/ or replacement unit(s) to be shipped outside the Continental U.S., the customer will be required to pay any related shipping charges and any related taxes/duties for the respective destination country, regardless whether it is a warranty or non-warranty claim.

IMPORTANT DISCLAIMER: No warranties exist with respect to the Model 1.2QT or its use other than those expressly contained herein. All other warranties of any kind or character whatsoever, whether expressed or implied, including warranties of merchantability or fitness for a particular purpose, are hereby disclaimed and are excluded from the warranties hereunder. In the event that a claim is made with respect to the Model 1.2QT or its use, the maximum liability of GEMORO, and its affiliates, dealers and distributors shall be the amount paid for the Model 1.2QT.

GEMORO® Powerful Ultrasonics

Attention: Model 1.2QT Warranty Registration
10455 Olympic Drive, Dallas, Texas 75220 USA

Tel 800.527.0719 or 214.351.0380

Fax 800.832.9871 or 214.351.1903

gemoroproducts.com support@gemoroproducts.com

GEMORO NEXT GENERATION ULTRASONICS

SUPERIOR TECHNOLOGY. STRONGER POWER.
GREATER DURABILITY. LONGER WARRANTY.
INCLUDES ACCESSORIES.

- Most popular ultrasonic on the market with upwards of 15,000 units sold!
- Most durable ultrasonic on the market boasts LESS THAN 1% DEFECT RATE!
- Endorsed by the leading jewelry professionals as the best ultrasonics available!
- **GEMORO** super high-performance industrial strength stacked transducers
- Dual power modes POWER SWEEP™ and TURBO SWEEP™ technology
- Adjustable thermostat temperature control (except 1.5PTH)
- Heavy-duty brushed stainless steel outer cabinet
- VARI-TEMP™ Long-life built-in heater
- Chemical resistant Rocker Shield switch guard boot cover protects switches from moisture and allows for easy wipe-down
- Automatic Load Self-Tuning (ALST)
- Instantaneous Digital Degassing (IDD)
- 0-60 minute timer
- Removable stainless steel cover for evaporation control
- EZ-LIFT Stainless steel handles (except 1.5PTH)
- Includes basket, stainless steel tweezers and ring rack (1.5PTH does not include ring rack)
- External fuse for easy access
- Smart Service—All plug & play electronics for fast repairs
- Rubber feet for secure placement
- The best warranty on the market: 2.5 years on the unit and 10 years on the transducer
- Engineered in the USA—PATENTED 



1.5PTH NEXT-GEN ULTRASONIC

Capacity: 1.5 Pint Tank: 6" x 3 1/4" x 2 3/4"

Watts: 25 Weight: 4 lb

Heater, timer, stainless steel cover, basket and tweezers. For personal or countertop use.

Item #1731

2QTH NEXT-GEN ULTRASONIC

Capacity: 2 Quart / 0.5 Gallon Tank: 5 1/2" x 5" x 4"

Watts: 50 Weight: 7 lb

Thermostatically controlled heater, timer, handles, stainless steel cover, basket, tweezers and ring rack.

Item #1732

3QTH NEXT-GEN ULTRASONIC

Capacity: 3 Quart / 0.75 Gallon Tank: 9 1/2" x 5 1/2" x 4"

Watts: 100 Weight: 9 lb

Thermostatically controlled heater, timer, handles, stainless steel cover, basket, tweezers and ring rack.

Item #1735



GEMORO SPARKLE PAK PRO® DUAL SOLUTION PAK FOR BOTH 2 AND 3 QUART ULTRASONICS

The **GEMORO Sparkle Pak PRO** is an innovative solution...for ultrasonic cleaning solution! All you do is fill your 2 or 3 quart ultrasonic tank with water, then take a convenient Sparkle Pak PRO packet and empty the contents in the water. No measuring. No mixing. No mess. No waste. Each packet contains the precise amount of the most effective, super concentrated formula on the planet. When it's added to a full tank of water in either size ultrasonic, it produces the best jewelry cleaning solution, that is guaranteed to make your jewels sparkle like new!



Recommended for removing dirt, grease, grime and even jewelers buffing compounds, rouge, Tripoli and oxides from fine jewelry. Perfect for diamonds, most gemstones, precious metals and more. Non-ammoniated, non-toxic and non-flammable.

Box of 24 / Item #0925

GEMORO SUPER CONCENTRATED CLEANING SOLUTION

To obtain the best all around cleaning results out of your ultrasonic, we have the solution: **GEMORO Super Concentrated Cleaning Solution!** Economical to use, it dilutes 40 to 1 for light cleaning, 20 to 1 for heavy cleaning. Our solution is recommended for removing dirt, grease, buffing compounds, rouge, tripoli and oxides. Also used for cleaning instruments, burs, metal parts, gold and fine jewelry. GemOro Super Concentrated Cleaning Solution is great for ultrasonics, glass and general cleaning. Non-ammoniated, no color additives, super concentrated, biodegradable, non-toxic and non-flammable. Instructions for use are imprinted on each bottle in both English and Spanish.

1-QUART BOTTLE Each quart makes up to 40 quarts
(Case quantity-12) Item #0901

1-GALLON BOTTLE Each gallon makes up to 40 gallons
(Case quantity-4) Item #0902



GEMORO 2.6 QUART HEATED ULTRASONIC CLEANER WITH DIGITAL DEGASSING

NEXT GENERATION—ADCS (Advanced Digital Control System)

- 5 Digital working cycles for enhanced cleaning efficiency and ease of operation
- Digital LCD display

EFFICIENT CLEANING—GEMORO POWERFUL TRANSDUCERS

- Robust power for effectively cleaning jewelry and other applications
- Superior stacked transducer design allows for long-lasting maximum performance

BUILT-IN HEATER

- DURA-HEAT long-life heating system provides enhanced cleaning
- Quickly heats up to 149°F (65°C)

PERFECT CAPACITY

- 2.6 Quarts / 0.65 Gallons
- Tank size in inches - 10.40 L x 6.46 W x 3.15 H

PUSH-BUTTON DIGITAL DEGASSING

- Digital degassing allows for faster, more effective cleaning

DURABLE CONSTRUCTION

- Heavy gauge stainless steel tank
- Rugged ABS housing material is designed for years of use
- Water and chemical resistant

INCLUDED ACCESSORIES

- Stainless steel basket, evaporation resistant cover and power cord

VOLTAGE, WATTAGE & FREQUENCY

- 100-120 Volts
- 60 Watts
- 40 Hz



Item #1787-D

GEMORO SPARKLESPA PRO®

DELUXE PERSONAL ULTRASONIC JEWELRY CLEANER

- True professional grade ultrasonic jewelry cleaner for the home
- Approximate 25oz (750ml) tank capacity
- Powerful 42,000Hz energy producing sound waves per second
- Digital timer
- Auto shut-off function—5 Cleaning cycles 90, 180, 280, 380 and 480 seconds
- Safely cleans most jewelry using regular tap water (for best results use **GEMORO SparklePak Plus** solution Item #0937 sold separately)
- Bright blue LED illuminated stainless steel tank
- Auto-opening transparent evaporation-free cover
- Quiet solid-state circuitry
- Elegant black European contoured design with chrome accents
- Removable basket and bracelet/watch holder included
- 50/60Hz
- 1 Year limited replacement warranty
- Ship wt. 3 lb.

Black Item #1790 Slate Item #1791



GEMORO SPARKLESPA®

PERSONAL ULTRASONIC JEWELRY CLEANER

Quickly and easily scrubs jewelry clean with powerful ultrasonic sound waves!

- It's simple—plug in, fill with water, place your jewelry in the basket and turn it on
- 600ml capacity ultrasonic tank
- Quickly and easily clean your jewelry with gentle, yet powerful ultrasonic sound waves
- No scrubbing or polishing required—cleans in only minutes
- 3 Programmable cleaning cycles—3, 5 and 10 minutes
- Although the SparkleSpa safely cleans most jewelry using regular tap water, for enhanced cleaning results we recommend **GEMORO SparklePak Plus** cleaning solution (sold separately Item #0937)
- Guaranteed to remove dirt, grime, body oil, cosmetics and body care products from your jewelry
- Designer white pearl finish
- Bright blue LED illuminates the stainless steel tank
- Includes a removable basket and bracelet/watch holder
- 1 Year limited replacement warranty

Item #1783





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