# **OPERATING INSTRUCTIONS**



Open the lid and fill stainless steel tank with 12-14 oz of clean water. Add 1 oz of Hagerty Jewel Clean Concentrate or 2 Hagerty Jewel Clean Concentrate sachets.

Operating the unit without liquid may damage the machine!

**Place the article into diluted solution.** The solution should cover the article to be cleaned but not exceed the MAX mark.



Plug the Hagerty Ultrasonic Cleaner into an outlet.

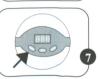
With the digital display set to HI, press the ON-OFF button for a pre-timed 3-minute cleaning cycle. When the timer reaches "00" the unit will automatically stop working and the display will read "886".



Press the TIME button to manually set alternate working times and to start the countdown display. Timer can be set up to "59" minutes. Any consecutive presses of the TIME button will set display to "Err".

Press the RESET button to return to a pre-timed 3-minute clean-





To stop at any time press the ON/OFF button.

ing cycle.



When cleaning is finished, unplug machine, open lid and remove article. Empty cleaning solution from stainless steel tank and wipe equipment with a soft, dry cloth.

## **USER MAINTENANCE**

Unlpug and empty the cleaner after using.





Wipe the tank and housing with a dry towel. To avoid electric shock, avoid immersing the Hagerty Ultrasonic Cleaner into water.

DO NOT keep liquid in the tank for extended periods.

Keep the Hagerty Ultrasonic Cleaner in a cool, dry place.

# **IMPORTANT SAFETY INSTRUCTIONS**

WARNING - TO REDUCE THE RISK OF BURNS, ELECTROCUTION, FIRE OR INJURY

NEVER operate this cleaner if the cord or plug is damaged or if it is not working properly. Return the damaged cleaner to a service center for examination and repair. Use the Hagerty Ultrasonic Cleaner properly as per this manual. DO NOT use attachments not recommended by the manufacturer.

DO NOT reach for cleaner that has fallen in water. Unplug immediately.

DO NOT fill the tank with abrasives or corrosive chemicals.

DO NOT disassemble the cleaner except for an authorized serviceman.

To reduce the risk of electrocution, DO NOT touch a socket with a wet hand. Unplug the cleaner before filling, DO NOT exceed the MAX mark.

Unplug this cleaner immediately after use.

DO NOT put watches that are not waterproof into the the tank for cleaning.

DO NOT put any articles which are made from shell or hawksbill into the tank for cleaning.



Hagerty recommends that you have your fine jewelry cleaned and inspected professionally by your jeweler every six months to ensure that there are no worn or missing prongs, nor any loose stones that could result in damage or loss to your investment. Always follow Jewelry Manufacturer's directions for care of jewelry.

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# HAGERTY ULTRASONIC JEWELRY CLEANER

# Instruction Manual



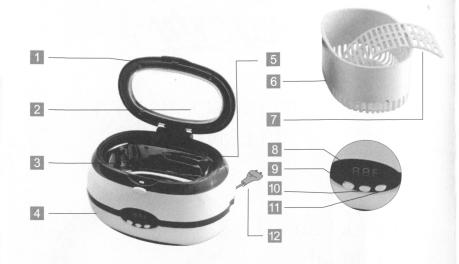
Applications: Rings, Earrings, Bracelets, Necklaces, & Timepieces

### PLEASE READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE USING.

KEEP THIS MANUAL FOR REFERENCE

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# **PRODUCT DESIGN & IDENTIFICATION**



LID Z VIEW WINDOW STAINLESS STEEL TANK KHOUSING MAX"MARK
PLASTIC BASKET PLASTIC WATCH STAND DIGITAL DISPLAY
"ON/OFF"BUTTON "TIME" BUTTON "RESET" BUTTON PLUG AND CORD

## SPECIFICATIONS:

NAME	Hagerty Ultrasonic Jewelry Cleaner	POWER SUPPLY	AC100-120V 60Hz
MODEL	16508	POWER	35W
OVERALL SIZE	200 X 140 X 125mm	FREQUENCY	40KHz
TANK SIZE	155 X 95 X 52mm	TIME SETTING	3-60 minutes adjustable with digital display
VOLUME	600ml	G.W	905 +5g

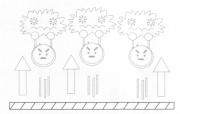
# CLEANING PROCESS THROUGH ULTRASONIC TECHNOLOGY



During the low pressure stage, millions of microscopic bubbles form and grow.

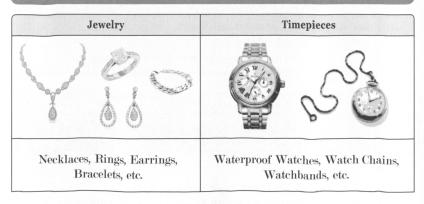


As ultrasonic waves pass through the solution in the tank, they cause rapidly alternating high and low pressures in the solution.

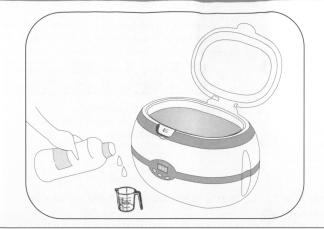


During the high pressure stage the bubbles implode, releasing enormous amounts of energy. They work in all directions, attacking the entire surface area and invading all recesses and openings. This process is called "CAVI-TATION".

HAGERTY ULTRASONIC MACHINE CAN BE USED FOR



# ULTRASONIC CLEANING



Fill tank with 12-14 oz (355-414 ml) of clean water. Add about 1 oz (30 ml) of **Hagerty Jewel Clean Concentrate** or 2 **Hagerty Jewel Clean Concentrate sachets**.

## **USAGE OF ACCESSORIES**

### PLASTIC BASKET

When a small item is to be cleaned, place the item into the plastic basket and then place in the tank. This will help to reduce friction between the item and the tank. The plastic basket absorbs about 30% of the ultrasonic energy being produced.

### WATCH STAND

Ultrasonic osmosis is strong. DO NOT put any watch which is waterproof to less than 30 metres into the tank for direct cleaning. To do so may cause watch damage. It is recommended to use the watch stand and only immerse the watch band in the solution. Similar to the plastic basket, the watch stand will absorb ultrasonic energy.

#### HAGERTY JEWEL CLEAN CONCENTRATE

The Hagerty Jewel Clean Concentrate formula contains no butyls, phosphates, bleach or ammonia. It is safe for use on all porous stones, such as opals, coral, onyx and turquoise. Porous stones should not be immersed for more than 10 minutes.

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