

HOUSEHOLD ULTRASONIC CLEANER

VGT-1200/1200H

USER MANUAL



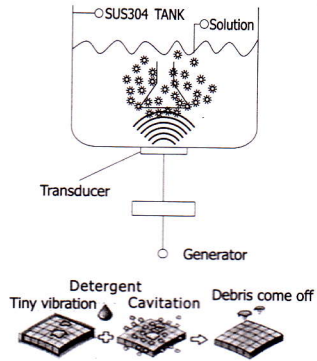
FEATURES

- ◆ High-power ultrasonic transducer for superior cleaning effect
- ◆ Large capacity tank for professional cleaning
- ◆ Add heating for special cleaning demands (1200H)
- ◆ 5 Cycles adjustable with digital display
- ◆ Moisture-proofed PCB
- ◆ Industrial IC
- ◆ ABS housing, sus304 tank

Thank you for purchasing the ultrasonic cleaner. Please take the time to read these operating instructions before use and retaining them for future reference. Failure to follow these instructions may lead to serious personal injury and damage to property.

ULTRASONIC PRINCIPLE

Ultrasonic cleaning is based on the cavitation effect caused by high frequency ultrasonic wave vibration signal in the fluid. Microscopic bubbles are formed, and they implode violently causing the cavitation which create an intense scrubbing action on the surface of the item being cleaned. The bubbles are small enough to penetrate microscopic crevices, cleaning them thoroughly and consistently.



Ultrasonic Cleaning Principle

Ultrasonic cleaning is extremely effective at removing dirt and grime which would normally require tedious manual cleaning by hand. It has been used to clean a wide variety of instruments and mechanical parts such as carburetors, returning them to almost "like new" condition without damage to delicate parts.

SAFETY PRECAUTIONS



Keep it away from children !

This device is not intended to use by individuals with restricted physical, sensory or mental capacities or those with lack of experience or knowledge, include children, unless they are supervised by an individual who is responsible for their safety or have received training in operating the device . Store the unit where it is not reachable by children. Keep the

package material away from children.



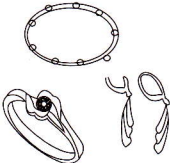

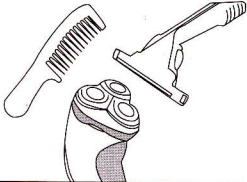
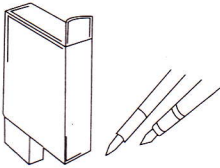
To prevent life-threatening ,please read the following very carefully .

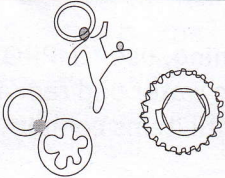
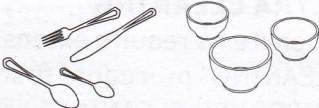
- 1) DO NOT use the machine at damp place .
- 2) Never immerse the machine or power cord in water or other liquid.
- 3) DO NOT touch the power plug with wet hands, especially when inserting or removing the plug.
- 4) DO NOT touch the machine if the machine has fallen into water during operation.Remove the power plug from the socket first.
- 5) DO NOT spray water or liquid over the device .
- 6) DO NOT operate the cleaner without proper grounding.
- 7) When removing the power cord from the socket ,grab the power plug not the cord.
- 8) Please protect the power cord. Do not use the machine if there is damage of the power plug or power cord.
- 9) Remove the power plug from the socket
 - if malfunction occurs
 - before cleaning the machine
 - if the device is not going to be used for a long time.
- 10) Never plugged in the machine unattended.
- 11) DO NOT disassemble the machine, except by professionals.
- 12) DO NOT operate the unit without fluid in the tank. Always ensure the fluid is no higher than the max mark.
- 13) DO NOT place the device on a soft surface, where the vents could be blocked.
- 14) Keep machine away from heat and place on a dry and level surface.
- 15) DO NOT operate the machine without filling water in tank.
 - Running dry will damage the machine.

Caution

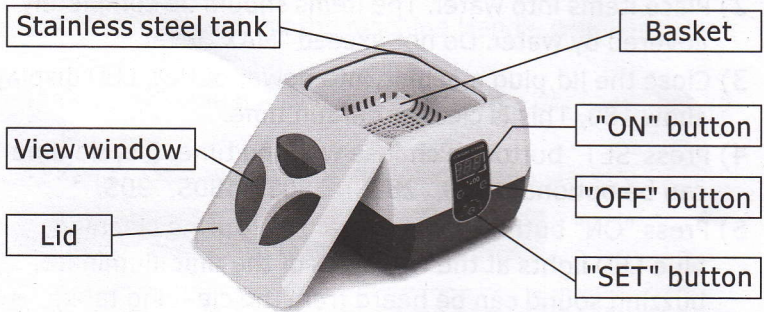
- 1) Not recommended for use with items that can be discolored, waterlogged, or damaged easily. Loose, delicate, or inlaid items may become dislodged by ultrasonic vibrations. For example: Semi-precious stones, cloth items, leather products, wood items, costume jewelry, or soft stones like pearls, opals, turquoise, coral, emeralds, etc.
- 2) DO NOT place mobile phones or non-waterproof watches into tank for cleaning.
- 3) DO NOT place glass frames or art ware that is made from tortoise shell or abalone shell.
- 4) When cleaning smaller pieces, place items into the plastic basket, then place basket into tank.

APPLICATIONS

1. Jewelry	2. Glasses and Timepieces
	
Necklaces, rings, earrings, bracelets etc	Eyeglasses, sunglasses, watch bands
3. Personal Items	4. Stationary Items
	

Combs, shaver heads, dentures, baby items etc.	Printer-heads, inject cartridges, seals etc
5. Metal pieces	6. Dishware
	
Ancient coins, bearings, small parts etc	Forks, knives, spoons, teacup etc.

PRODUCT STRUCTURE AND ACCESSORIES



COMMON CLEANING METHODS

GENRRAL CLEANING-Use only tap water. The water should immerge the items to be cleaned, but not exceed "MAX" mark.

ENHANCED CLEANING-When the items are very dirty, add

1-2 drops dish washing into water to improve the cleaning result

OVERSIZED ITEMS

For large items, partly clean.

ULTRA CLEANING

When items require extensive cleaning, use "IMPROVED CLEANING" procedure first, replace water and repeat "IMPROVED CLEANING" process until items completely clean.

OPERATION INSTRUCTIONS

- 1) Open the lid and fill the stainless steel tank with water.

Note: Running machine without water may damage machine!

- 2) Place items into water. The items should be completely covered by water. Do not exceed "MAX" level.
- 3) Close the lid, plug machine into power outlet. LED display show 180, This is cleaner default time.
- 4) Press "SET" button to choose working time. 5 cycle time can be optional 180S, 280S, 380S, 480S, 90S.
- 5) Press "ON" button to start cleaning. During cleaning, blue LED lights at the two sides of the unit illuminate, buzzing sound can be heard from the cleaning tank, indicating the cleaning is underway.

Note: Do not continuous working over than 1 hour.

- 6) To stop cleaning at any time, press "OFF" button. Press "ON" to restart cleaner again. When cleaning is done, blue LED light will shut down.
- 7) If you need heating, turn on the heating button at the

machine backside for increase the liquid temperature. The cleaner setting a constant temperature protection at 60 deg C. Do not worry about the high-temperature to damage the cleaner. When the heating finished turn off the heating button (Just for 1200H)

Note: Heating function just for 1200H, 1200 have no heating function. While cleaning, a buzzing sound will be heard. This means the machine is working.

- 8) When cleaning is complete, unplug the machine, open lid, and take cleaned items out. Then pour out dirty water from tank, clean and wipe the tank.

CARE AND MAINTENANCE

- 1) Check the joint of the power plug and cord.
- 2) DO NOT run the machine for extended time or continuously.
- 3) DO NOT impact ,hit the machine.Handle with care when move the machine.
- 4) Wipe machine housing and tank with a dry towel before storing.
- 5) Keep machine in a cool, dry place when storing.

STANDARD SPECIFICATIONS

Model	Tank Size	Overall Size	Volume	Power	Frequency	Time Settings
	(LxWxH)mm	(LxWxH)mm	ml	W	KHz	Sec
VGT-1200	175x145x70	228x183x158	1300	60	40	180S → 280S → 380S 90S
VGT-1200H						

