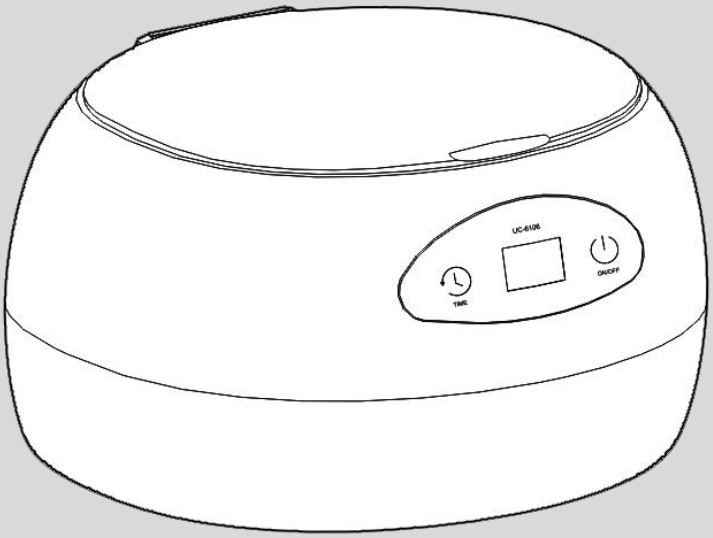
Ultrasonic Cleaner

UC-6106



User Manual

- Read this manual carefully before using this product
- Keep this manual properly

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Packing List

Parts	Quantity	Parts	Quantity
Ultrasonic cleaner	1	Washing Basket	1
Product Manual	1	CD/Watch Bracket	1

Check whether these aforesaid items are available and in good condition. Contact your dealer in case of damage or loss of any accessory.

Principle of ultrasonic wave cleaning

Ultrasonic cleaner generates ultrasonic frequency electricity, which is converted by energy converter into high-frequency mechanical oscillation that is transferred to cleaning fluid. Ultrasound wave is beamed forwards unevenly in the cleaning fluid to make the fluid vibrate and generate tens of thousand of micro bubbles, which form and grow in the negative pressure area where the ultrasound wave travels longitudinally and close (crush out) in positive pressure area. Formation, growth and quick closure of the micro bubbles is called cavitation. In cavitation, closure of bubbles will generate instantaneous high pressure higher than 1,000 times of atmospheric pressure, and the continuous high pressure force hits surface of the work piece like numerous small blasts to peel off dirty on the surface and in clearance of object, and this is how the ultrasonic cleaning machine operates.

Product Features

1. High-strength environment-friendly ABS injection molding
2. Touch control for five-segment cleaning duration regulation.
3. High-quality piezoelectric ceramic sheet bonded with high-strength adhesive
4. High voltage isolation and humidity-proof and anti-corrosion treatment.
5. Stringent production and aging process.
6. 3800V HV testing to ensure product safety.
7. CE/FCC/ROHS/PSE/SAA certification.

Technical Parameter

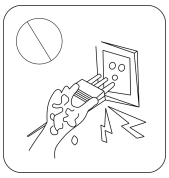
Name	Ultrasonic cleaner	Voltage	☐ AC110-120V 60Hz ☐ AC220-240V 50Hz
Model	UC-6106	Power	50W
Cleaning Tank Volume	750ML	Ultrasonic Frequency	42KHz
Power Cable Size	≤1.5m	Time Setting	60/120/180/240/300S
External Dimensions	190*170*120mm	Net Weight	1.2KG

Safety Description

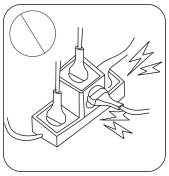
1. This product shall not be dismantled by any person other than professionals.

2. Do not use any lapping paste or corrosive chemical agent.

3. Before feeding water into cleaning tank, do not connect the power supply. Feed water not above the line "Max-" to avoid overflowing.



4. Do not handle power plug with wet hand to prevent electric shock.



5. Do not use this product with not water fed in, or otherwise it may be damaged.

6. Use this product in accordance with the manual. Use only the accessories as recommended by manufacturer.

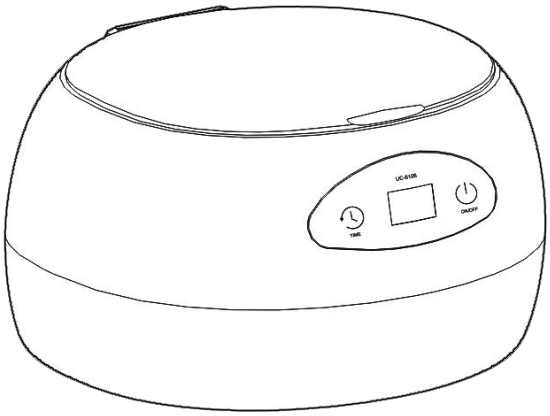
7. Keep this product away from any heat source, and place it on a dry and flat surface.

8. In case that this product falls into water during operation, keep off it and disconnect the power supply immediately

9. Do not clean this product by directly rinsing it with water.

Operation Instructions

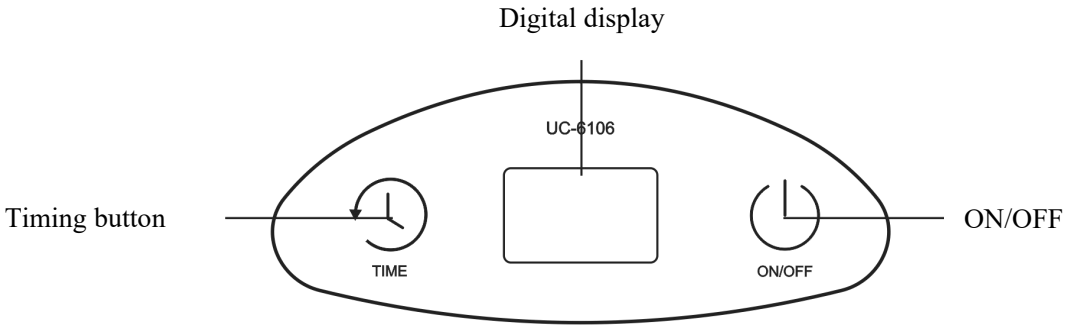
- Picture of Product



Cleaning basket

Disk bracket

Watch bracket



- Operation Instructions:

1. Load cleaning fluid into cleaning tank and connect power supply. Ultrasonic wave operating time is displayed as 5 minutes by default.
2. Adjustment of ultrasound wave operating duration: Press Time button once to adjust time ,60 seconds to 300 seconds cycle .
3. Press ON/OFF button to start operation, and press it again to stop operation.

Scope of Application

Industry	Description
Spectacle	Reading glasses, sunglasses, and small-size optical lens
Jewelry	Diamond, gold, silver and jade ware
Waist watch	Waterproof watch, and watch with metal band
Others/ household products	shaver cutter, nail cutter, pen, lock key, old coin, false tooth, and soup ladle

Tips: Do not stack articles to be cleaned.

Articles Not to be Cleaned

Articles Not to be Cleaned		
Jewelry	Hawksbill/ pearl/ emerald/ ivory/ coralline/ agate	For low hardness of hawksbill/ coralline, they may be scratched due to rubbing during the course of cleaning.
Precious Metal	Welded/ galvanic coated metal/ bonded article	Ultrasound wave cleaning will widen original gap in weld/ coat/ bonding point and thereby cause peel-off.
Waist watch	Waist/ pocket watch (other than waterproof at 50m depth)	Strong permeability of ultrasonic wave may cause entry of water into watch with poor water-tightnes
Other	Woodwork/ glass/ contact lenses/ ceramic ware/ camera filter	During cleaning of coated glass/ ceramics/ woodwork/ glass ware, original tiny crack may be widened due to mechanical effect. (except that the article is intact without crack.)

Either of two cleaning methods is available

- Common cleaning

  Use common tap water to soak the work piece completely into the water, but control water level not above the line "MAX-".

- Enhanced cleaning

  In case that article is extremely dirty or cannot be made fully clean even after being cleaned for a long time, add neutral cleaning fluid of 3~5ml into the water to improve cleaning performance, and then rinse it with clear water. (as cleaning fluid can soften dirt.)

Maintenance

1. After end of operation, disconnect the plug, drain, clean and dry the machine.
2. Re-operate the machine preferably at an time interval of at least 3 minutes to prolong
3. its service life.
4. Wipe and clean the machine with dry cloth instead of any chemical agent.
5. After end of use, keep this product at a cool and dry location.

Warranty Statement

- Validity of warranty: One year from the date of purchase
- Please keep this after-sale service card properly, or otherwise the warranty will be invalid.

Warranty will be invalid in any one of the following cases:

- The machine fails or is damaged due to improper use or unauthorized disassembly of the product by user.
- The machine is damaged due to force majeure (e.g. fire, flood, earthquake).
- The machine is damaged due to failure to operate the machine in accordance with the instructions.
- The machine is damaged due to improper repair by anyone other than our technician.
- The warranty card and/or purchase invoice is unavailable or be altered without authorization.

Warranty Card			
User Information			
Name		Phone	
Address			
Product Information			
Product Mode		Body Code	
Purchase Time		Dealer Name	
Dealer Telephone		Dealer Sea	
Dealer Address			