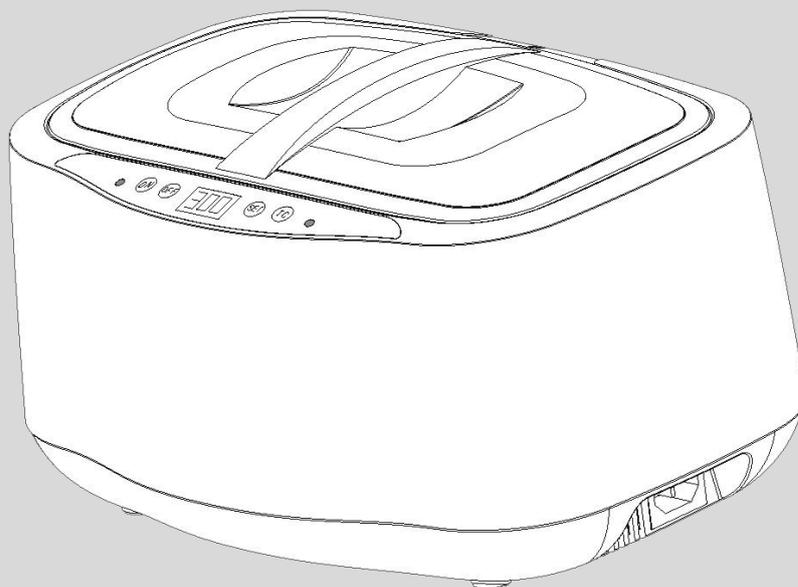


# Ultrasonic Cleaner

UC-6300



## 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	Power Line	1
Product Manual	1	CD/Watch Bracket	1
Washing Basket	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. Digital display control for five-segment cleaning duration regulation.
3. One-press heating up to temperature of 65°C.
4. Industrial high Q ultrasonic transducer bonded with high-strength adhesive.
5. High voltage isolation and humidity-proof and anti-corrosion treatment.
6. Stringent production and aging process.
7. 3800V HV testing to ensure product safety.
8. CE/FCC/ROHS/PSE/SAA certification.

## Technical Parameters

Name	Ultrasonic cleaner	Voltage	<input type="checkbox"/> AC110-120V 60Hz <input type="checkbox"/> AC220-240V 50Hz
Cleaning Tank Volume	2500ML	Ultrasonic Power	70W
Power Cable Size	≤1.5m	Ultrasonic Frequency	40KHz
Tank's Dimension	247*150*78mm	Time Setting	60/120/180/240/300/360/480S
External Dimensions	294*209*167mm	Net Weight	2.5KG

## ◆ Safety Description



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



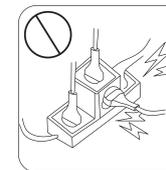
2. Do not use any lapping paste or corrosive chemical agent.



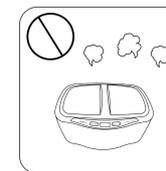
3. Before feeding water into cleaning tank, do not connect the power supply. Feed water not above the line "Max-" to avoid overflowing.



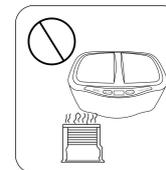
4. Do not handle power plug with wet hand to prevent electric shock.



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.



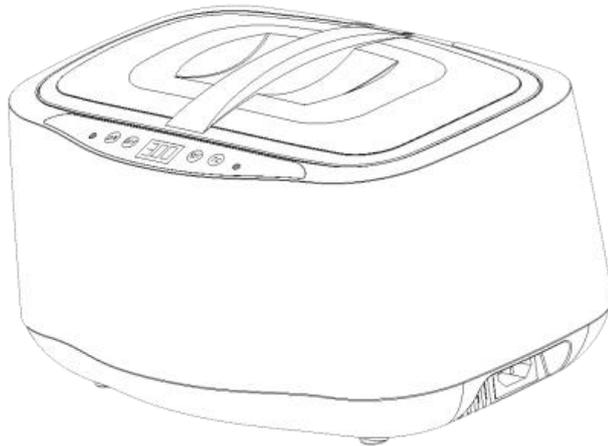
8. In case that this product falls into water during operation, keep off it and disconnect the power supply immediately



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

## ◆ Operation Instructions

### ● Picture of Product



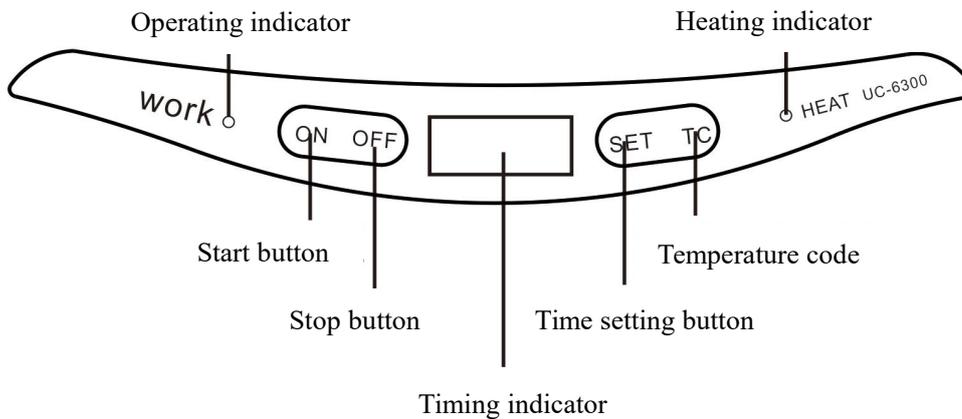
Cleaning basket



Watch bracket



Disk bracket



### ● Operation Instructions:

1. Load cleaning fluid into cleaning tank and connect power supply. Ultrasonic wave operating time is displayed as 8 minutes by default.
2. Press TC button down to start heating (and heating indicator lamp turns on), press it again to stop heating (and the indicator lamp goes out). The maximum heating temperature is 65°C.
3. Press SET button down to adjust operating duration; press it once to increase one minute.
4. Press ON button to start operation of ultrasonic wave (and the indicator lamp turns on), and press OFF to stop it (the indicator lamp goes out).

## ◆ Scope of Application

Industry	Description
Spectacles	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	CD/ DVD disk, shaver cutter, nail cutter, pen, lock key, old coin, false tooth, and soup ladle
Commercial purpose	Appliances and tools of ophthalmology department or dental department, and jet nozzle of printer.

**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-tightness.
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 its service life.
3. Wipe and clean the machine with dry cloth instead of any chemical agent.
4. 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 Model		Body Code	
Purchase Time		Dealer Name	
Dealer Telephone		Dealer Seal	
Dealer Address			