



目錄

iClean 10M

超声波清洗器
ULTRASONIC CLEANER

用户手册
USER MANUAL



维修佬® 大师

聲明：本公司保留改進升級產品的權利，產品規格及設計如有變更，恕不另行告知。
Statement: The company reserves the right to improve and upgrade products, product specifications and design are subject to change without notice.

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01. PACKING LIST

Please confirm whether the packaging of the household ultrasonic cleaner you purchased is complete. If the packaging is damaged or the accessories are missing, please contact your dealer as soon as possible.

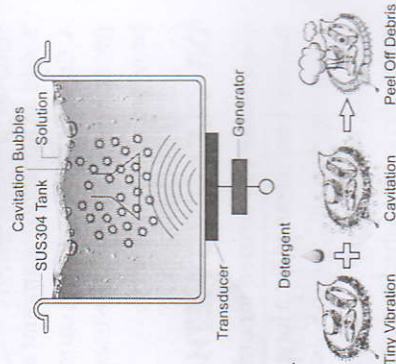
Ultrasonic cleaning machine * 1

Power cable * 1

Instruction manual * 1

02. PRINCIPLE OF ULTRASONIC CLEANING

Ultrasonic cleaning is based on the cavitation effect caused by high frequency ultrasonic wave vibration signal in the fluid. Microscopic bubbles are formed, and then 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 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.



03. PRODUCT FEATURES

1. 0-30 minutes time adjustable; industrial grade mechanical time controller;
2. Controlled by mechanical knob;
3. Flexible circuit board control, more safety and stability;
4. Made of all stainless steel, the sink is stamped and formed at one time, no welds, and better waterproof performance;

04. APPLICATION

Ultrasonic cleaners have incomparable advantages over other physical cleaning or chemical cleaning, so they are widely used in households, service industries, electronics, medicine, laboratories, machinery, cemented carbide, chemical industries and many other fields.

05. INSTALLATION AND PREPARATION

1. After unpacking, check if the parts are loose;
2. Place the machine in a ventilated and dry place to ensure that the machine is in a horizontal position;
3. Add an appropriate amount of cleaning agent as required for cleaning;
4. Connect the power plug correctly to ensure the connection is firm (three-hole socket must be used, and a reliable grounding wire must be provided to ensure safety).

06. CLEANING METHOD

Clean water can be used for ordinary cleaning. When the object to be cleaned has not been cleaned for a long time or has a lot of dirt, please add an appropriate cleaning solution to enhance the cleaning effect. If used for industrial cleaning, please add the corresponding industrial cleaning agent. For longer items, it can be washed in sections.

07. OPERATION METHOD

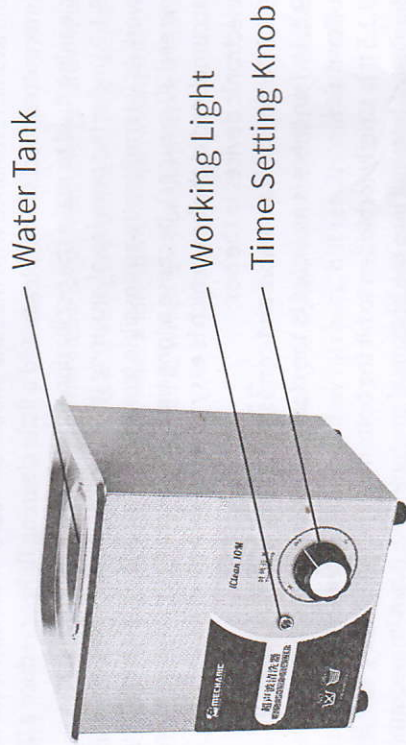
7.1 Start the ultrasonic process:

- A) Add the cleaning liquid to the cleaning tank;
- B) Power on;
- C) Turn the time knob on the right side of the panel clockwise (set the cleaning time), and the "sizzle" sound generated by the work will be emitted in the ultrasonic cleaning tank, indicating that the ultrasonic wave operates normally.

7.2 Stop the ultrasonic process:

- A) Rotate the knob anticlockwise to the "OFF" position, and the ultrasonic wave stops running;
- B) Disconnect the power supply of the whole machine;
- C) Pour away the cleaning liquid and use a clean rag to clean and maintain the tank and the periphery for the next use.

7.3 Product Structure



08. TECHNICAL PARAMETER

Model	iClean 10M
Inner Tank Size	150X140X100 mm
Dimensions	190X170X220 mm
Capacity	2000 ml
Ultrasonic Power	60 W
Frequency	40 KHz
Time Setting	0-30 min

09. ATTENTION

When there is no liquid in the cleaning tank, the machine cannot be turned on, otherwise it will burn out the machine and invalidate the warranty.

9.1 Attention for Use

9.1.1 When the ultrasonic is in normal operation, the sound of the ultrasonic resonance with the tank should be heard uniformly. If there is intermittent oscillation, please add a little cleaning fluid or reduce a little cleaning fluid to make the oscillation more uniform;

9.1.2 Under the premise of ensuring that the objects are clean and clean, work as intermittently as possible (continuous working time should not exceed 30 minutes), because a long time will increase the temperature accumulated in the box, which is easy to accelerate the aging of the electronic devices in the box;

9.1.3 Do not use flammable and corrosive liquids;

9.1.4 When there is no liquid in the cleaning tank, never turn on the ultrasonic;

9.1.5 It is strictly forbidden to hit the bottom of the tank during use; if any foreign objects fall into the bottom of the tank, take it out immediately;

9.1.6 Prevent the cleaning fluid and water from splashing into the case and on the vibrator; the cleaning fluid splashed on the vibrator will cause leakage and short circuit of the machine, and will cause the chip in the vibrator to burn out.

9.1.7 When cleaning multiple workpieces at a time or when cleaning heavy workpieces, be sure to use a basket.

9.1.8 When changing the liquid, it should be carried out when the cleaning liquid in the tank is at room temperature, and the knob switch should be set to the "OFF" position, and the power plug should be unplugged;

9.1.9 Please remove the dirt in the cleaning tank after use; keep the appearance of the machine clean.

9.2 Attention for Cleaning Items

9.2.1 During the cleaning process, any weak inlays may loosen.

9.2.2 Do not put fabric products, leather products, wood products and other easily faded products into the machine for cleaning.

9.2.3 Do not put mobile phones and non-waterproof watches in the machine for cleaning.

9.2.4 Do not put handicrafts or glasses made of shells, tortoiseshells into the machine for cleaning.

9.2.5 When cleaning glasses, jewelry, razors, etc., please add a special cleaning agent to the water. If there is no special cleaning agent, you can also add some household cleaning agents such as detergent, hand sanitizer,

shower gel etc. instead;

9.2.6 When washing black silver jewelry, some silver washing agent must be added to the water;

★Note:

Because the ultrasonic transducer generates a lot of heat energy when it is working, other electronic components will also generate heat. This heat is conducted into the liquid in the sink. After a long time of operation, the liquid temperature can reach about 50°C, which is a normal phenomenon. Please rest assured!

10. WARRANTY SERVICE

1. The company provides a free warranty of 1 year from the date of purchase.
2. Warranty is not granted in the following cases, but repairs can be implemented for a fee.

1. Damage caused by human factors, including damage caused by use under abnormal working conditions and use that does not follow the instructions.
2. Users disassemble and refit by themselves.

3. Damage caused by force majeure (such as flood, fire, earthquake, lightning, etc.).

4. Without product warranty card and valid proof of purchase.