








DYNVIM

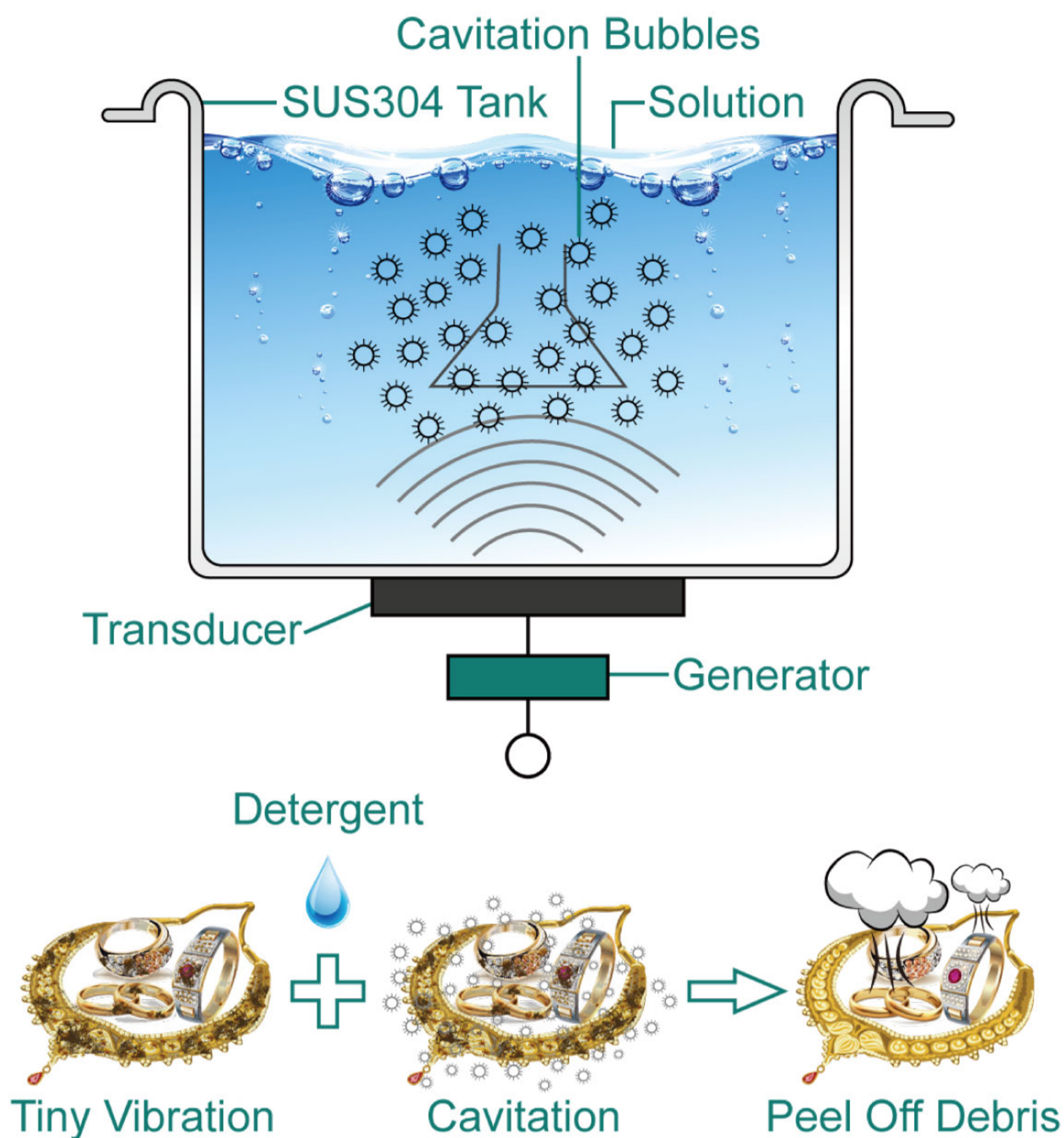
FEATURES

-  Digital Control
-  42KHz for intensive rinse
-  Die-casting SUS304 stainless steel tank
-  Degas function for removing ultrasonic fatigue
-  18 time settings among 90 seconds~30 minutes



Thanks for purchasing this ultrasonic cleaner. Please read these operating instructions before use and keep the user manual for future reference. Failure to follow the instructions may lead to serious personal and damage to the product.

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 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.

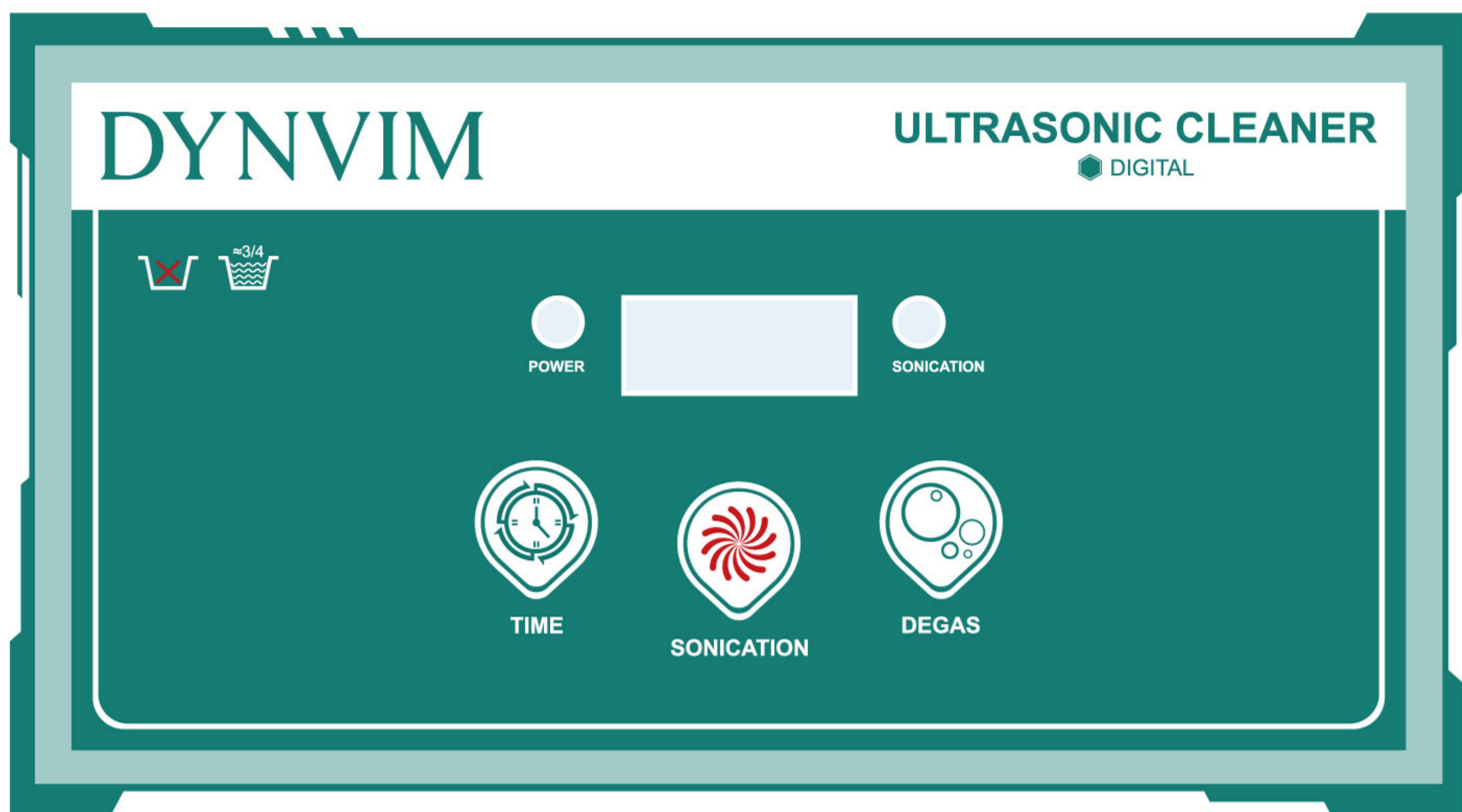
PREPARATION

This list is almost endless. Provided the product is non porous and can normally be immersed in water, they can be thoroughly cleaned. Here are some examples:

- Jewelry especially gold, silver & platinum
- Watchstraps
- Coins and other collectibles
- Small PCB Boards
- Toothbrushes & Dentures
- Electrical components
- Make-up cases
- Tattoo needles
- Knives, bayonets and other militaria

Ultrasonic cleaning is not recommended to be used to clean the following gemstones: Opal, Pearl, Emerald, Tanzanite, Malachite, Turquoise, Lapis and Coral.

OPERATION



1. Fill at least 2/3 of the stainless steel tank with a solution. Based on cleaning requirements, a little of detergent is recommended because it shall help to increase cleaning performance.
2. Dismantle the spare parts to be cleaned as possible as you can, and remove dirt, carbon deposits, oil contaminants etc with a high-pressure jet, wire brush, scraper knife or other tools so as to prolong the cleaning solution's service time and ensure the cleaning speed and performance.
3. Put the spare parts to be cleaned into the tank and make them fully-immersed, but not overlapped as possible as you can.
4. Start ultrasonic cleaning:
 - A. Connect the power socket on the back to a power with the power cord (the red indicator will turn on and the LED screen will display "180".)
 - B. Press the "TIME" button to switch the cleaning time in the following time circulation: 90→ 120→ 150→ 180→ 210→ 240→ 270→ 300→ 330→ 360→ 540→ 720→ 900→ 18. → 21.→24.→27.→ 30.→ 90 (18 cleaning time in total).
 - C. Press "SONICATION" button once to make the machine start cleaning. Then the blue ultrasonic indicator turns on, the setting time starts counting down. When the time reaches "886", the machine stop working automatically. Besides, the ultrasonic cleaning can also be stopped by pressing "SONICATION" once again.
 - D. Press "DEGAS" button once to get in "DEGAS" cleaning mode so as to remove ultrasonic fatigue and improve cleaning effect when the device works for a long time.
 - E. Unplug the power cord, pour the cleaning solution, clean the tank and the housing with a clean cloth.
5. In order to enhance the cleaning effect, you can add appropriate amount of detergent into the cleaning solution or prolong the cleaning time.

NOTE:

For the consideration of a long service life, please make the machine have at least 4 minutes' break after a continuous work of 30 minutes and then restart it again.

SAFETY PRECAUTIONS

- ◆ Don't remould this machine.
- ◆ Make sure that the voltage value is within the default voltage range.
- ◆ Don't use any volatile solutions whose gas is flammable or explosive.
- ◆ Make sure that the ground wire is well-connected with the machine before use.
- ◆ Please prevent the control panel from being eroded by detergent, acid or alkali solution etc.

SOLUTIONS OF COMMON PROBLEMS

- ◆ Ultrasonic cleaning does not work:
 - A. The power cord is not connected;
—— Check the power connection and plug the power cord.
 - B. The circuit problem;
—— Change the circuit or consult the after-sale service department.
- ◆ The time setting does not work:
 - Reset the power;
 - Change the touch control panel.
- ◆ Bad cleaning effect:
 - Prolong the cleaning time;
 - Change the cleaning solution concentration;
 - Choose the right detergent.
- ◆ Other problems:
 - Consult the after-sale service department.

SPECIFICATIONS

Ultrasonic Frequency	42KHz	Ultrasonic Power	35W
Tank Material	SUS304	Housing Material	SUS201
Package Size(mm)	236*163*165	Gross Weight	1.45kg
Overall Size(mm)	194*120*124	Net Weight	1kg
Tank Size(mm)	168*94*67	Capacity	800mL
Time Control	90s-30 minutes, 18 cleaning time optional, digital control		
Input Voltage	AC 100-120V, 50/60Hz(US) OR AC 220-240V, 50/60HZ(EU)		

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