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1. Accessorises

- a. one piece main machine b. one piece soundproof lid
 c. Power supply wire d. one piece mesh basket (optional)
 e. one user manual.

2. 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 creates 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.

3. APPLICATIONS

Service line, Electron line, Medicament line, Laboratory, Machine line, Horniness alloy line, Chemistry line, etc

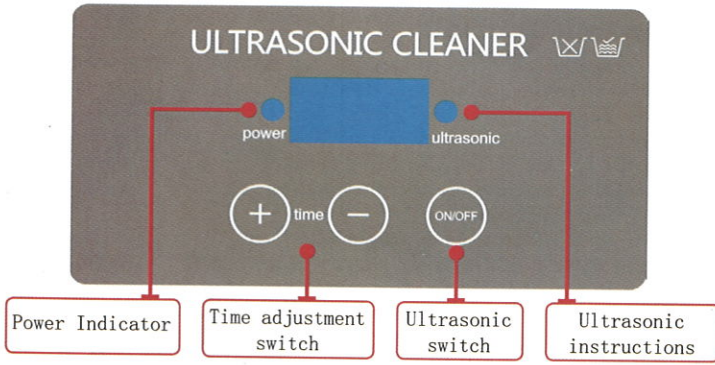
4. SPECIFICATIONS

Small Ultrasonic Cleaner

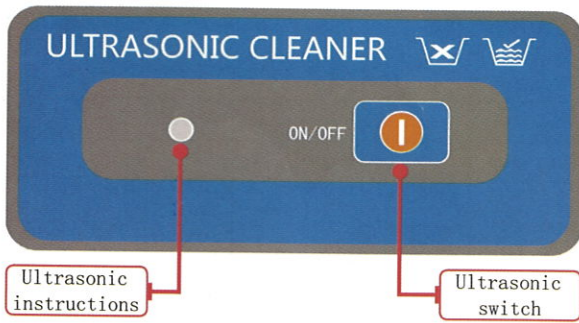
Model	Tank size	Overall size	Capacity		Power	Frequency	Set time	Heating power	temp
	(L×W×H)mm	(L×W×H)mm	L	W	W	KHz	Min	W	
108D	150×85×65	175×110×125	0.8		35	40	0-15		
113A	150×140×65	175×165×185	1.3		60		0-3		
113	150×140×65	175×165×200	1.3		60		-		
113T	150×140×65	175×165×200					0-20		
120	150×140×100	175×165×230	2				-		
120T	150×140×100	175×165×230					0-20		

5. Explanation Of Function Key

108D Ultrasonic Cleaner

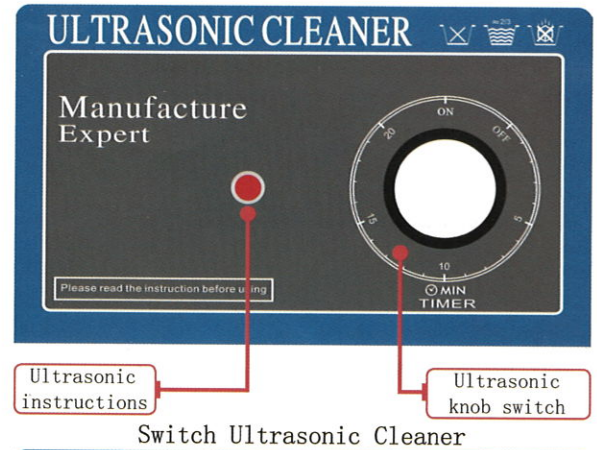


113A Ultrasonic Cleaner

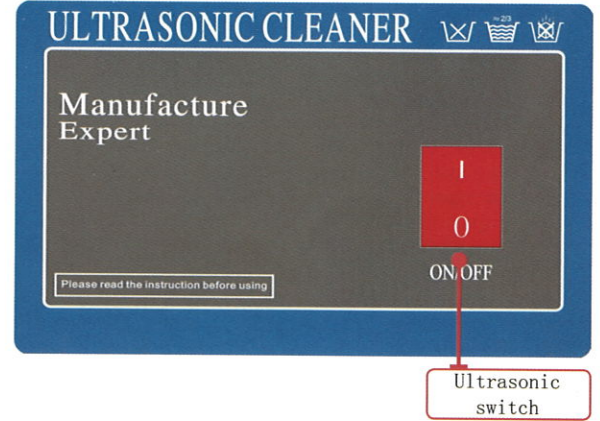


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Timed Ultrasonic Cleaner



Switch Ultrasonic Cleaner



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6. Instructions for use

6.1> Installation and preparation

- a) After unpacking, check for if there is any loose parts.
- b) Place the machine in a dry and ventilated place to ensure that the machine is in a horizontal position;
- c) Should connect the power plugs correctly and make sure it is securely connected. Be sure to use a three-hole socket, a reliable ground wire to ensure safety.
- d) According to the need to add the appropriate amount of cleaning

6.2> The method of cleaning

Ordinary cleaning can be washed with water. When the product is not cleaned for a long time or more dirt, please add the appropriate cleaning fluid, it can enhance the super-cleaning effect. For longer items, it can be segmented cleaning.

6.3> Operation Process

1. Start The Ultrasonic Process

- a) Fill stainless steel tank with water
- b) Plug the cleaner into grounded outlet;
- c) **Can be time-based type**

Left TIMER switch to rotate "ON" position, the corresponding indicator light, it can work for a long time. For 1-20 minutes, you can adjust the working time to the right. Ultrasonic cleaning tank issued due to the work of "Zizi" sound indicating the normal operation of ultrasound. Turn the timer switch to "OFF" to close the position, the ultrasonic stop working and the corresponding indicator goes out.

Switch type

The switch hit the "1" file, ultrasonic cleaning machine will start working. The switch hit the "0" file, ultrasonic cleaning machine will stop working.

113A type

Press the ultrasonic switch ultrasonic cleaning machine so that it will work for 3 minutes. it will be stopped running timely. Press the ultrasonic switch again, the ultrasonic cleaner stops working.

108D type

Adjust the time to the required working time. Press the ultrasonic switch, ultrasonic cleaning machine will work according to the set time, press the ultrasonic switch again to stop working.

6.4> Instructions after use how to care

- a) Disconnect the machine power;
- b) After the liquid to be cooled to below 40 °C. Discard the cleaning solution and clean the tank body and the periphery with a clean cloth. After use, store the product in a cool dry place for future use.

7. Warning

- a) Don't plug in the machine with empty tank - be sure to fill in proper amount of liquid before plug-in the machine. Otherwise, the heater could be damaged.
- b) Never run the machine with low level of liquid to avoid damaging ultrasonic transducers and heater.
- c) Please note that when you run heater, the liquid in the tank could vapor in the long time period, please keep watching the level of the liquid in the tank
- d) Washing liquid spatters into the shaker results in creepage and short circuit, and burn the wafer as well.
- e) Electrical abnormality will burn the transistor.
- f) High voltage brings damages to the circuit and indicating lights etc.



Any parts is likely to loose during washing process. Do not put fabric products, leathern products, wooden products into tank.

Do not put cell phone and unwaterproof into tank. Do not put glass frame which are made of shell, hawkbill or craftwork into tank.