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## Single Slot Ultrasonic Cleaner SUS304 Tank 40 Khz 14L - 135L / 3Gal - 30Gal with Generator Built-in

### Adjust Power Ultrasonic Cleaner

## USER MANUAL

商用/工业用系列 Commercial / Industrial Ultrasonic Cleaner



2.0mm SUS 304  
厚2.0mm 304不锈钢



Time adjustable  
时间可调



Heating  
加热功能



Power adjustable  
功率可调



Other excited circuit board  
它激式线路板



Long working  
24小时工作

- ⚠ Please read this instruction manual before using
- ⚠ Keep this manual for reference

MODEL:YN3613

**ACCESSORISE:**

1.Main machine    2. Sound proof lid    3. Power lead    4.Mesh basket

**APPLICATIONS:**

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

**PREPARATION:**

1. Unpack the packing and check if any part get loose.
2. Keep the cleaner under ventilated and dry condition, place it flatly.
3. Make sure the plug connection is correct and firm. (Use triplex plug and earth connection is required and safer.)
4. It's optional to add certain amount of detergent when needed.

**SPECIFICATIONS:**

Model	YN3613
Power	1800W
Adjust power	0-1800W
Capacity	130L
Frequency	40KHz
Tank size	650*450*450mm (L×W×H)
Overall size	750*500*720 mm (L×W×H)
Set time	1-99minutes
Set temperature	25℃-80℃
Heating power	3000W
Power supply	AC220V; or AC110V

## **OPERATION:**

### **1. START UP ULTRASONIC FUNCTION:**

- 1.Fill stainless steel tank with water
- 2.Plug the cleaner into grounded outlet;
- 3.Press the “ **TIME+** ”key for setting 0-99 min working time. Press the “**TIME-**” key for reduce the time continuous. Press “Ultrasonic” button to “**ON**”, the cleaner will start working. During working, you will hear the “ sizzling” voice ,that means the cleaner running properly. (Do not run the cleaner continuously more than one hour at one time)
- 4.When the right knob will be Rotating around, you can adjust to the power.

### **2. START UP HEATING FUNCTION:**

- 1.Set temperature( if need) : Press the “ **TEMP +**” key for setting temperature 0°C-80°C. Press the “**TEMP -** ”key for reduce temperature.
- 2.Then press the “Heating” button to “**ON**” begin to heat.

### **3. STOP ULTRASONIC PROCESS:**

- 1.Press the “Ultrasonic” button to “**OFF**”, the cleaner will stops working, indicator light turn off. And then disconnect the power supply.
- 2.Press the “Heating” button to “**OFF**”, the heating function will stop.
- 3.Empty the tank and clean both the outside and inside of the cleaner with clean and dry cloth for next use.

## **Note:**

- △Always unplug and empty the cleaner after using.
- △ Remove the contaminants with moist cloth and water for the tank.
- △ Wipe the covering with dry towel.

**Attentions:**

- a) While the machine is working normally, ultrasonic and tank syntonies give a well-proportioned sound, and no shudder on the surface of the water, yet there is spray made by the tiny bubbles. If there are discontinuous surges, please add or release a little of washing solution in the tank, stopping the surges is good for cleaning the objects.
- b) On the condition of make sure the cleaning object is cleaned, please run the machine discontinuously as far as possible(not more than 30min.),for long-time running causes temperature increment of the case, and speedup the aging of the electronic devices.
- c) Flammable cleaning solution is forbidden.
- d) Do not start the heater nor ultrasonic while the tank is empty.
- e) Prevent water or cleaning liquid from spattering into the case or shaker.
- f) When something is dropped into the tank carelessly, take it out immediately.
- g) Make sure the washing liquid is not hot, and turn the ultrasonic off and pull out the plug, while changing or emptying the tank.
- h) Clean the dirt in the tank after using.
- i) Keep the surface of the machine clean.

**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.