



## **Industrial Ultrasonic Cleaner**

Industrial Ultrasonic Cleaner RA series is dual-frequency ultrasonic cleaning machine suitable for industrial applications. The core component ultrasonic generator adopts the most advanced T technology platform which has high cleaning efficiency, simple operations and no need of debugging on site. It can be widely used in metal products, auto parts, electronics cleaning, medical instruments, optical glass cleaning etc.

## **China Customized Industrial Ultrasonic Cleaner Manufacturers**

### **1. Industrial Ultrasonic Cleaner Introduction**

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Clangsonic ultrasonic cleaner are mainly used in industry. Size and power can be customized by your request.



Clangsonic provides varies of capacities of ultrasonic cleaner. Please contact us for customized tank size.

## 2.Industrial Ultrasonic Cleaner Parameter ( Specification )

Name	Industrial Ultrasonic Cleaning Machine
Model	RA220
Capacity	220L
Ultrasonic Frequency	25/45kHz, 28/68kHz, 40/80kHz, 40/130kHz, 80/130kHz
Ultrasonic Power	3600Watts
Heating Power	12KW
Heating Temperature	30-80°C
Timing	0-60min. or Normally Open
Inner Tank Size	800x600x450mm
Basket Size	700x450x300mm
Overall Size	920x1000x1650mm
Power Supply	380V/50Hz, 3 Phase 5 Wire
Power Cable Length	3m
SUS Cover	Optional
Circulation System	Optional
Oil Skimmer	Optional

## 3.Industrial Ultrasonic Cleaner Features and Application

### **1. One Button Start**

Press “Start” button to complete the functions of basket lift in, basket oscillation, ultrasonic cleaning and basket lift out etc.

### **2. Oscillation System**

The basket with workpiece will be moved up and down automatically during cleaning, that will avoid dirt accumulating on surface or holes of workpiece and improve cleanliness.

### **3. Dual-Frequency**

2 frequencies can be switched easily as you need. For different cleaning process, you can choose different frequency, and it is also very suitable for workpiece which needs both coarse and fine cleaning.

### **4. Automatic Sweep**

Sweep function can eliminate the standing waves effectively. That’s helpful to improve ultrasonic distribution in the tank and make cleaning more uniformly.

### **5. 2 Times Peak Power**

2 times peak power excitation can act on stubborn stains and semi-aqueous solvents, ultrasonic performance is improved obviously.

### **6. Linearly Adjustable Power**

Ultrasonic power can be adjusted 10-100% linearly, which is more precisely for different cleaning requests.

### **7. Load Self-Adaption**

It will adjust itself to fit to different working conditions (Liquid Temperature, Liquid Level and Workpiece) automatically, and maintain the optimal working frequency and constant power output.

### **8. High Definition Industrial Level LCD Display**

User-friendly LCD display allows user to monitor working status and set parameters.

### **9. Efficient Cleaning**

Adopting peak modulation technology which can breakdown the bubbles more quickly and remove the stubborn stains easily. Under same conditions, the breakdown speed of foil is significantly improved.

### **10. Stable Output**

Self-adaption technology can ensure the machine to fit to load changing perfectly, such as different liquid level, liquid temperature changing and workpiece movement. Ultrasonic performance will keep still.

### **11. High Conversion Efficiency**

The conversion efficiency of ultrasonic and electric energy is more than 90%. The energy



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conservation is more than others at same ultrasonic power output.

## **12. Extended Function**

Circulation System, Oil Separator, Bubbling Tank, Rinsing

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Cleanness is endless

### Application:

The ultrasonic cleaning machine is suitable for cleaning circuit boards, bearing components, optical lenses, motorcycle part, ion plating part, electroplating parts, audioprefixes, clock parts, semiconductor wafers, magnetic materials, polyester.

### 1. Jewelry (Jewels, Jade, Gold and Silver)



### 2. Auto parts (Cylinder Block, Bearing, Valve body and so on)



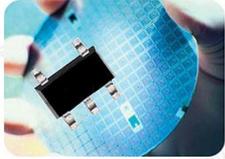
### 3. Precision parts (Mobile Accessories, Watch parts)



### 4. Material (Steel, Cooper, Plastic, )



### 5. Optical and electronics (Semiconductor, Optical lens, Electronic parts, )

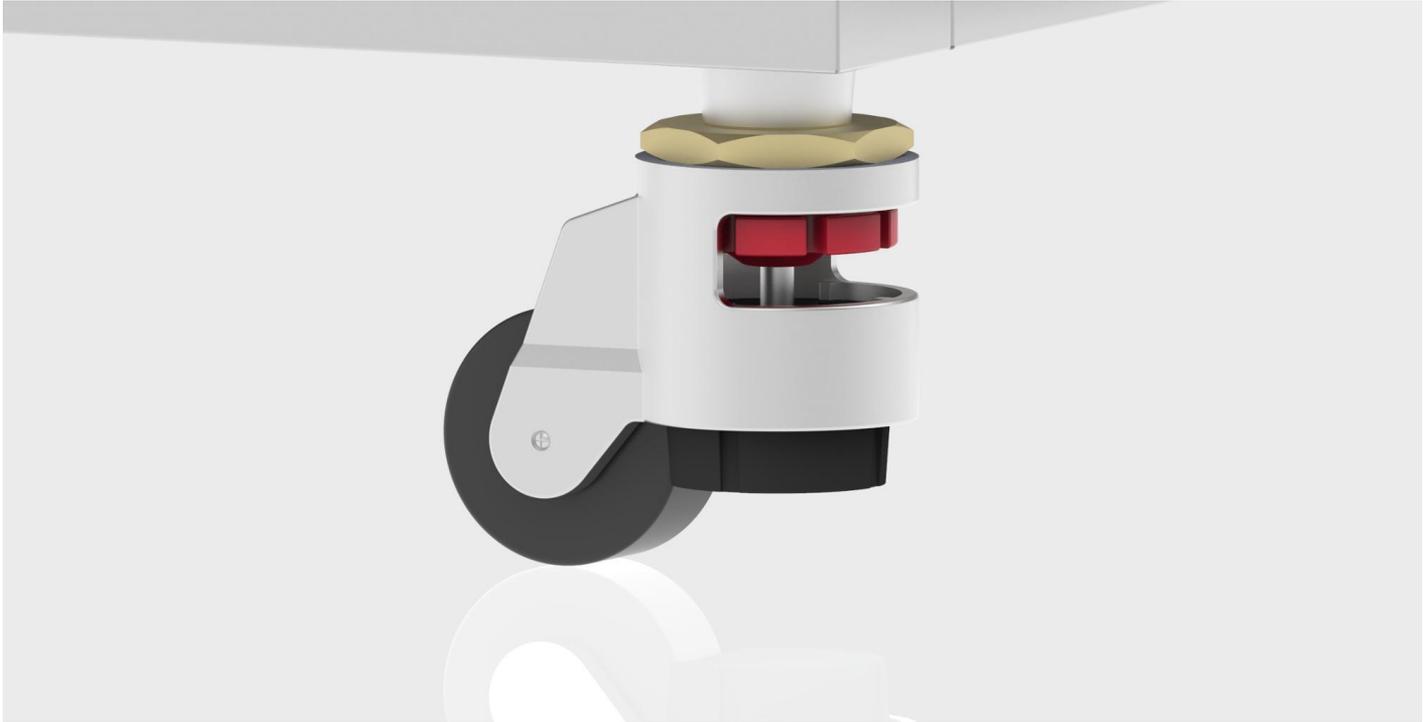


### 6. Appliance Application (Fruit, Stainless Steel Cutlery, Crockery)



**4. Industrial Ultrasonic Cleaner Details Images**





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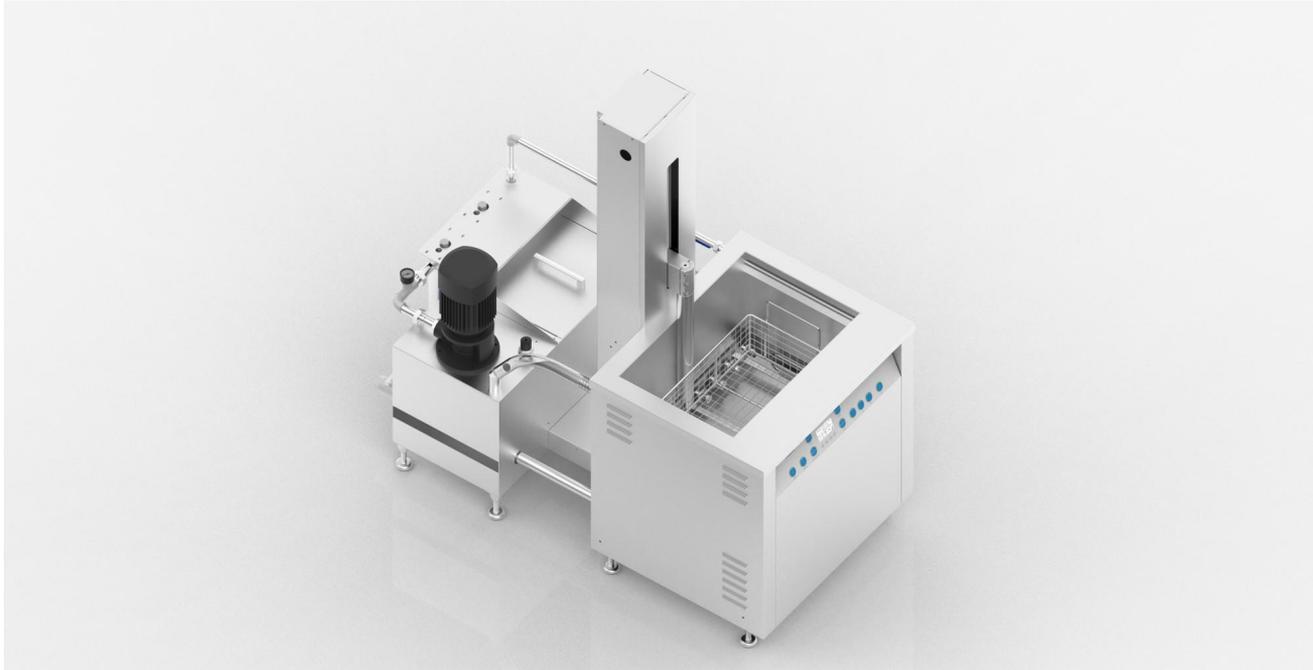


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Optional Circulation System With Oil Skimmer



Equipped With Circulation System And Oil Skimmer

## **5. Industrial Ultrasonic Cleaner Company Qualification**

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Yuhuan Clangsonic Ultrasonic Co., Ltd. is a professional engaged in ultrasonic transducer, ultrasonic shock box, ultrasonic (generator) power and ultrasonic equipment research and application of the manufacturer.

Since 2003 the company since its establishment, unswervingly adhere to the higher quality and better service as our ultimate goal.

Our products are exported to the world more than 40 countries and regions. To provide customers with a full range of ultrasonic products and solutions, so that waves of the company to become a global customer real partners.



The company has an effective construction area of over 6,000 square meters, with imported Tian Tian, Baichao sheet metal bending machine, KUKA robot, as well as the Swedish fuse factory, and CNC sawing machine, CNC lathe, CNC milling machine and other equipment, making the product more reliable.

### Visit Factory



### Workshop



### Exhibition





6. Industrial Ultrasonic Cleaner Deliver, Shipping and Serving





To better ensure the safety of your goods, professional, environmentally friendly, convenient and efficient packaging services will be provided.

CLANGSONIC

## Shipping & Payment

Started working again,Started working again,Started working again.



### 7. FAQ

#### 1. Are you manufacturer or trading company?

We are manufacturer. All the core components (ultrasonic transducer, ultrasonic generator) are home-made by ourselves.

#### 2. Do you accept OEM and ODM?

Yes, we also have profession R&D teams (ultrasonic transducer team, ultrasonic generator team and mechanical design team) to responds your special needs quickly.

### **3. Delivery time**

Standard products can be delivered within 7 working days. Customized machine depend on the design.

### **4. Warranty**

We guarantee quality of the products for a period of 1 year. If any quality problem within warranty, we'll provide free spare parts or repairing service.

### **5. Do you provide trial cleaning service?**

Yes, you're welcome to send the workpieces for trial cleaning. We'll send you video and report about the test. It's free service.

### **6. Can you provide ultrasonic transducer or generator if any failure?**

Yes, ultrasonic transducer and ultrasonic generator are designed and manufactured by ourselves. We can send the right parts quickly for replacement.

### **7. Payment Methods?**

T/T ,L/C, D/P ,D/A, West Union , Paypal, MoneyGram ,Escrow .

### **8. Which frequency and power is suitable for our workpiece?**

Please contact us and provide details as specific as you can. Information includes: the size, material, weight and dirt of your workpiece and cleaning tank dimension etc.