

## 77L Industrial Ultrasonic Cleaning Machine SUS Engine JP-5048GH For Pump

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: Sky men
- Certification: RoHS, CE, FCC, SGS
- Model Number: JP-5048GH
- Minimum Order Quantity: 1
- Price: Negotiation
- Packaging Details: Wooden case
- Delivery Time: In Stock
- Payment Terms: T/T
- Supply Ability: 800 pcs per month



#### Product Specification

- Model: JP-5048GH
- Tank Volume: 77L
- Ultrasonic Power: 120W
- Heating Power: 1200W
- Frequency: 40KHz/28KHz
- Internal Tank Size: 550X400X350mm (L\*W\*H)
- Highlight: **77L Industrial Ultrasonic Cleaning Machine,  
Pump Industrial Ultrasonic Cleaning Machine,  
SUS Engine Ultrasonic Cleaning Machine**

## Product Description

### 5 Tank 40KHz L Industrial Ultrasonic Cleaning Machine JP-300ST For Pump And Spare Parts Washing

#### Applications:

Commonly used in precision hardware, electronics, semiconductors, watches, jewelry, energy, optics, medicine, automotive manufacturing, electroplating, painting and vacuum coating pretreatment.

Industrial cleaning equipment, ultrasonic cleaning machines are widely used in precision hardware, electronics, semiconductors, watches, jewelry, energy, optics, medicine, automotive manufacturing, electroplating, painting and vacuum coating pretreatment. It is especially suitable for parts with complex surface shapes.

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#### SIMILAR PRODUCT

| Model     | Tank size<br>(mm) | Capacity<br>(L) | Transducer<br>(pcs) | Ultrasonic power<br>(W) | Heating power<br>(W) | Frequency<br>(kHz) | Generator<br>(set) |
|-----------|-------------------|-----------------|---------------------|-------------------------|----------------------|--------------------|--------------------|
| JP-5024GH | 500*300*250       | 38              | 24                  | 600*2                   | 1500*2               | 28/40              | 1                  |
| JP-5036GH | 500*350*300       | 53              | 36                  | 900*2                   | 1500*2               | 28/40              | 1                  |
| JP-5048GH | 550*400*350       | 77              | 48                  | 1200*2                  | 3000*2               | 28/40              | 1                  |
| JP-5060GH | 550*450*400       | 99              | 60                  | 1500*2                  | 3000*2               | 28/40              | 1                  |
| JP-5072GH | 600*500*450       | 135             | 72                  | 1800*2                  | 4500*2               | 28/40              | 1                  |
| JP-5096GH | 700*500*500       | 175             | 96                  | 2400*2                  | 6000*2               | 28/40              | 2                  |
| JP-5120GH | 800*600*550       | 264             | 120                 | 3000*2                  | 6000*2               | 28/40              | 2                  |
| JP-5144GH | 1000*600*600      | 360             | 144                 | 3600*2                  | 9000*2               | 28/40              | 2                  |
| JP-5216GH | 1000*900*600      | 540             | 216                 | 5400*2                  | 18000*2              | 28/40              | 3                  |
| JP-5288GH | 1200*1000*800     | 960             | 288                 | 7200*2                  | 24000*2              | 28/40              | 4                  |



## Detail Specification

| Model      | Frequency<br>(KHz) | Capacity<br>(L) | Tank Size<br>(MM) | Ultrasonic<br>Power(W) | Heating<br>Power(W) | Spray / Lift /<br>Filtration | Dry<br>Power(W) | Timer<br>(H) | Heater<br>(°C) |
|------------|--------------------|-----------------|-------------------|------------------------|---------------------|------------------------------|-----------------|--------------|----------------|
| JP-5024GPH | 28/40              | 38              | 500*300*250       | 0-600                  | 1500                | YES                          | 3000            | 1-99         | 20-95          |
| JP-5036GPH | 28/40              | 53              | 500*350*300       | 0-900                  | 1500                | YES                          | 3000            | 1-99         | 20-95          |
| JP-5048GPH | 28/40              | 77              | 550*400*350       | 0-1200                 | 3000                | YES                          | 3000            | 1-99         | 20-95          |
| JP-5060GPH | 28/40              | 99              | 550*450*400       | 0-1500                 | 3000                | YES                          | 3000            | 1-99         | 20-95          |
| JP-5062GPH | 28/40              | 96              | 800*300*400       | 0-1500                 | 3000                | YES                          | 3000            | 1-99         | 20-95          |
| JP-5072GPH | 28/40              | 135             | 600*500*450       | 0-1800                 | 4500                | YES                          | 3000            | 1-99         | 20-95          |
| JP-5096GPH | 28/40              | 175             | 700*500*500       | 0-2400                 | 6000                | YES                          | 3000            | 1-99         | 20-95          |
| JP-5120GPH | 28/40              | 264             | 800*600*550       | 0-3000                 | 6000                | YES                          | 3000            | 1-99         | 20-95          |
| JP-5144GPH | 28/40              | 360             | 1000*600*600      | 0-3600                 | 9000                | YES                          | 6000            | 1-99         | 20-95          |
| JP-5168GPH | 28/40              | 420             | 1500*700*400      | 0-4200                 | 15000               | YES                          | 6000            | 1-99         | 20-95          |
| JP-5192GPH | 28/40              | 480             | 1200*500*800      | 0-4800                 | 15000               | YES                          | 9000            | 1-99         | 20-95          |
| JP-5216GPH | 28/40              | 540             | 1000*900*600      | 0-5400                 | 18000               | YES                          | 9000            | 1-99         | 20-95          |
| JP-5240GPH | 28/40              | 640             | 1000*800*800      | 0-6000                 | 21000               | YES                          | 9000            | 1-99         | 20-95          |
| JP-5264GPH | 28/40              | 800             | 1000*1000*800     | 0-6600                 | 24000               | YES                          | 12000           | 1-99         | 20-95          |
| JP-5288GPH | 28/40              | 960             | 1200*1000*800     | 0-7200                 | 27000               | YES                          | 12000           | 1-99         | 20-95          |
| JP-5432GPH | 28/40              | 1500            | 1500*1000*1000    | 0-10800                | 27000               | YES                          | 21000           | 1-99         | 20-95          |

**Customized service:** process plan design, frequency, power, size, etc.  
can be provided by Skymen technical engineering department tailored.

## FAQ

### **Q1.: Can ultrasonic cleaning damage my parts?**

A1: Don't worry, no any damage to your objects, but you should choose different models when cleaning different things, I recommend you to clean your jewelry by our home use Ultrasonic cleaner. Or you can consult us if you have no idea of choosing which model.

### **Q2: Why is a special solution required for cleaning?**

A2: The heavy oil and grease is very adherent, the oil cannot be removed very well without detergent, the detergent can emulsify the oil and grease, then Ultrasonic can remove the oil very easy.

### **Q3: What cleaning solution should I use?**

A3: Stronger acid and stronger alkali are forbidden, because stronger acid and stronger alkali will corrode the tank of machine, our tank material is SUS304, after long time using of stronger acid and stronger alkali, the tank will be damaged. For selecting the detergent, you could consult your local detergent company or supermarket, they can give you more professional advice. We are manufacturer of machine, not very skillful in the selecting of detergent. And the export of detergent in China is very strict.

### **Q4: What cleaning solution shouldn't I use?**

A4: Flammables or solutions with low flash points should never be used. The energy released by bubbles may be exploded for flammable liquids. Strong alkali and Acids should be avoided; they will damage stainless steel tanks.

### **Q5: What's advantage of Skymen ultrasonic cleaner?**

A5: Skymen ultrasonic cleaner is the nice way to have thorough cleaning without damaging objects. It has the functions of cleaning, disinfecting, degreasing, descaling, stripping, burnishing, deflashing, removing rust, dust, oil, etc. make them look new again. It's very safe and easy to operate, proves to be a nice helping hand for you.

### **Q6: Why do I need to use a basket?**

A6: Basket would help to load objects together, and get better cleaning effect.

### **Q7: What frequency is better for my parts?**

A7: Frequency is suggested based on pollutants in the objects. 28kHz frequency is stronger, better for car/motor/truck/vessel parts clean(remove oils, grease, pastes, etc. ) 40kHz is better for pcb boards, electronic or other precision parts, etc. Higher precision goods, higher frequency.

### **Q8: What about the warranty?**

A8: 1 Year warranty for For all ultrasonic cleaner. If any technical problem during warranty time, replacement parts will be sent free of charge. And technical support is also available after 1 year

### **Q9: How do I get the nice ultrasonic cleaning?**

A9: Choosing the proper cleaning solution is one of the most important decisions, as well as cleaning at the right temperature, 50~60 can achieve best cleaning effect. cleaning time, and choosing the suitable size and type of ultrasonic cleaner.

PRODUCT CONFIGURATION



# SKYMEN ULTRASONIC

Professional Ultrasonic Cleaner Manufacturer



Skymen Shaoguan  
Production Base



Skymen Shajing  
R&D Center



Skymen Fuyong  
Marketing Center

## Good quality requires multiple certifications

Products include CE, FCC, PSE, KC and other safety certification, as well as ROHS, PAHS, REACH, SCCP environmental certification, and passed the ISO9001 and ISO13485 quality management system.



## Cooperated Clients





## Large-single-tank & multi-tank ultrasonic cleaning equipment



Multifunctional non-standard customization of washing, filtering, rinsing, bubbling, lifting, throwing, spraying, drying



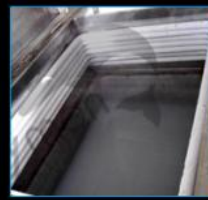
PLC



Lifting&throwing



Spraying



Cooling



Bubble



Agitation



Drum cleaning



Drying



**Ultrasonic Cleaner. Skymen Made.**  
Ultrasonic cleaning solution process service provider

## Detail Specification

| Model      | Frequency (KHz) | Capacity (L) | Tank Size (MM) | Ultrasonic Power(W) | Heating Power(W) | Spray / Lift / Filtration | Dry Power(W) | Timer (H) | Heater (°C) |
|------------|-----------------|--------------|----------------|---------------------|------------------|---------------------------|--------------|-----------|-------------|
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| JP-5048GPH | 28/40           | 77           | 550*400*350    | 0-1200              | 3000             | YES                       | 3000         | 1-99      | 20-95       |
| JP-5060GPH | 28/40           | 99           | 550*450*400    | 0-1500              | 3000             | YES                       | 3000         | 1-99      | 20-95       |
| JP-5062GPH | 28/40           | 96           | 800*300*400    | 0-1500              | 3000             | YES                       | 3000         | 1-99      | 20-95       |
| JP-5072GPH | 28/40           | 135          | 600*500*450    | 0-1800              | 4500             | YES                       | 3000         | 1-99      | 20-95       |
| JP-5096GPH | 28/40           | 175          | 700*500*500    | 0-2400              | 6000             | YES                       | 3000         | 1-99      | 20-95       |
| JP-5120GPH | 28/40           | 264          | 800*600*550    | 0-3000              | 6000             | YES                       | 3000         | 1-99      | 20-95       |
| JP-5144GPH | 28/40           | 360          | 1000*600*600   | 0-3600              | 9000             | YES                       | 6000         | 1-99      | 20-95       |
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| JP-5240GPH | 28/40           | 640          | 1000*800*800   | 0-6000              | 21000            | YES                       | 9000         | 1-99      | 20-95       |
| JP-5264GPH | 28/40           | 800          | 1000*1000*800  | 0-6600              | 24000            | YES                       | 12000        | 1-99      | 20-95       |
| JP-5288GPH | 28/40           | 960          | 1200*1000*800  | 0-7200              | 27000            | YES                       | 12000        | 1-99      | 20-95       |
| JP-5432GPH | 28/40           | 1500         | 1500*1000*1000 | 0-10800             | 27000            | YES                       | 21000        | 1-99      | 20-95       |

**Customized service:** process plan design, frequency, power, size, etc. can be provided by Skymen technical engineering department tailored.

**Five tank coarse rough washing, filtering, rinsing, spraying, drying and lifting integrated equipment.**

✓ External generator    ✓ Argon welding 2.0mm thickness tank





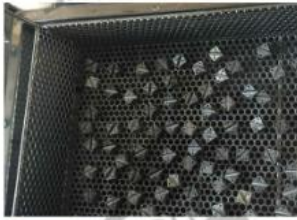
**Skymen sonic recommended cleaning process as below:**

- 1** Rough washing → Fine washing → Rinsing → Rinsing  
→ Hot air circulation drying
- 2** Rough washing → Fine washing → Rinsing → High  
pressure spray rinsing → Hot air circulation drying
- 3** Rough washing → Fine washing → Bubble rinsing →  
High pressure spray rinsing → Hot air circulation drying
- 4** Rough washing → Fine washing → Rinsing → Air cutting  
→ Hot air circulation drying
- 5** Rough washing → Fine washing → High-pressure spray  
rinsing → Air cutting → Hot air circulation drying
- 6** Rough washing → Fine washing → Bubbling → Air  
cutting → Hot air circulation drying

**Standard configuration:** filtration cycle (precision 5um)

**Optional:** refrigeration, explosion-proof, lifting, throwing,  
slow drawing, drum, pure water equipment, traveling  
crane, PLC control etc.

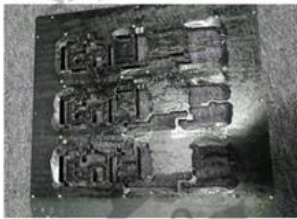




Copper, aluminum, stainless steel, hardware industry applications



Auto parts, aviation, shipbuilding, industry applications



Fixture industry application

## Equipment production process



1 Raw Material



2 Board Cutting



3 Tank Welding



4 Transducer Installation



5 Skymen Transducer Wiring



6 Tank Polishing



7 Assembling



8 Age Testing



9 Skymen Factory Shipping



**Ultrasonic Cleaner. Skymen Made.**  
Ultrasonic cleaning solution process service provider



## ABOUT SKYMEN



## COMPANY INTRODUCTION

Skymen was founded in 2007 with a registered capital of 10 million yuan. There are more than 580 employees, including 20 R&D personnel, and an annual turnover of 120 million yuan, of which domestic sales account for 60% and exports account for 40%. The company has more than 1,000 series of products, involving household, commercial, laboratory research, military, optics, hardware, chemicals, aviation, ships, automobiles and other industries.







## SKYMEN SERVICE



1 year warranty



Factory direct sales



Independent R&D



Installation training



Fast delivery



Support customization

① Experts will solve the problems of cleaning process, cleaning experiment and standard equipment trial for you for free.

② Provide free technical support and equipment services, including spare parts and working hours.

③ If there is any problem or situation during use, reply within 2 hours after receiving the notification, and within 8 hours make corresponding solutions,

### Features

1. Digital LED screen display
2. Fast and effective cleaning, convenient for users
3. Clean rings, earrings, necklaces, new features of diamonds,

4. Use only tap water or add a small amount of detergent for better cleaning
5. The cleaning effect is obvious
6. Cleaning items shine like new ones
7. Compact cover design to reduce noise

**Cleaning Effect show:**

## CLEANING EFFECT

Better cleaning when cleaning with detergent



### Working Principle:

The principle of the ultrasonic cleaning machine is mainly to convert the sound energy of the power ultrasonic frequency source into mechanical vibration through the transducer, and to irradiate the ultrasonic wave into the cleaning liquid in the groove through the cleaning tank wall. Due to the radiation of the ultrasonic waves, the microbubbles in the liquid in the tank can be kept vibrated by the action of the sound waves. The adsorption of the dirt and the surface of the cleaning member is destroyed, causing fatigue damage of the dirt layer to be rejected, and the vibration of the gas type bubble scrubs the solid surface.



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