



## 12000W Heating Sonic Ultrasonic Cleaner 175L Sky men SGS With Filtration

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: Sky men
- Certification: RoHS, CE, FCC, SGS
- Model Number: JP-4096GH
- 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-4096GH
- Tank Volume: 175L
- Ultrasonic Power: 4800W
- Heating Power: 12000W
- Frequency: 40KHz/28KHz
- Internal Tank Size: 700X500X500mm (L\*W\*H)
- Highlight: **12000W Heating Sonic Ultrasonic Cleaner, 175L Sonic Ultrasonic Cleaner, SGS Ultrasonic Cleaner Equipment**

## Product Description

### Skyemen 4 Tank Sonic Cleaning Super Power With Filtration Industrial Ultrasonic Cleaner For Metal Parts

#### 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 (mm)	Capacity (L)	Transducer (pcs)	Ultrasonic power (W)	Heating power (W)	Frequency (kHz)	Generator (set)
JP-4024GH	500*300*250	38	24	600*2	1500*2	28/40	1
JP-4036GH	500*350*300	53	36	900*2	1500*2	28/40	1
JP-4048GH	550*400*350	77	48	1200*2	3000*2	28/40	1
JP-4060GH	550*450*400	99	60	1500*2	3000*2	28/40	1
JP-4072GH	600*500*450	135	72	1800*2	4500*2	28/40	1
<b>JP-4096GH</b>	<b>700*500*500</b>	<b>175</b>	<b>96</b>	<b>2400*2</b>	<b>6000*2</b>	<b>28/40</b>	<b>2</b>
JP-4120GH	800*600*550	264	120	3000*2	6000*2	28/40	2
JP-4144GH	1000*600*600	360	144	3600*2	9000*2	28/40	2
JP-4216GH	1000*900*600	540	216	5400*2	18000*2	28/40	3
JP-4288GH	1200*1000*800	960	288	7200*2	24000*2	28/40	4

#### 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 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 Skyemen ultrasonic cleaner?

A5: Skyemen 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°C can achieve best cleaning effect. cleaning time, and choosing the suitable size and type of ultrasonic cleaner.

**PRODUCT CONFIGURATION**



Professional Ultrasonic Cleaner Manufacturer



**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



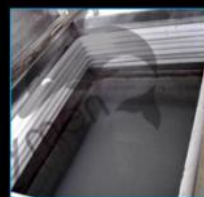
PLC



Lifting&throwing



Spraying



Cooling



Bubble



Agitation



Drum cleaning



Drying





## Detail Specification

Model	Frequency (KHz)	Capacity (L)	Tank Size (MM)	Ultrasonic Power(W)	Heating Power(W)	Filtration System	Spray	Dry Power(W)	Timer (H)	Heater (°C)
JP-4024GPH	28/40	38	500*300*250	0-600	1500	YES	YES	3000	1-99	20-95
JP-4036GPH	28/40	53	500*350*300	0-900	1500	YES	YES	3000	1-99	20-95
JP-4048GPH	28/40	77	550*400*350	0-1200	3000	YES	YES	3000	1-99	20-95
JP-4060GPH	28/40	99	550*450*400	0-1500	3000	YES	YES	3000	1-99	20-95
JP-4062GPH	28/40	96	800*300*400	0-1500	3000	YES	YES	3000	1-99	20-95
JP-4072GPH	28/40	135	600*500*450	0-1800	4500	YES	YES	3000	1-99	20-95
JP-4096GPH	28/40	175	700*500*500	0-2400	6000	YES	YES	3000	1-99	20-95
JP-4120GPH	28/40	264	800*600*550	0-3000	6000	YES	YES	3000	1-99	20-95
JP-4144GPH	28/40	360	1000*600*600	0-3600	9000	YES	YES	6000	1-99	20-95
JP-4168GPH	28/40	420	1500*700*400	0-4200	15000	YES	YES	6000	1-99	20-95
JP-4192GPH	28/40	480	1200*500*800	0-4800	15000	YES	YES	9000	1-99	20-95
JP-4216GPH	28/40	540	1000*900*600	0-5400	18000	YES	YES	9000	1-99	20-95
JP-4240GPH	28/40	640	1000*800*800	0-6000	21000	YES	YES	9000	1-99	20-95
JP-4264GPH	28/40	800	1000*1000*800	0-6600	24000	YES	YES	12000	1-99	20-95
JP-4288GPH	28/40	960	1200*1000*800	0-7200	27000	YES	YES	12000	1-99	20-95
JP-4432GPH	28/40	1500	1500*1000*1000	0-10800	27000	YES	YES	21000	1-99	20-95

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



## Device Configuration:

### ◆ Tank 1: Ultrasonic cleaning + filtration cycle

**Function:** filter the cleaned slick oil, impurities and dust, saving cleaning agent;

### ◆ Tank 2: Rinsing tank

**Function:** After the first tank is cleaned, rinse one time in the rinsing tank for better cleanliness;

### ◆ Tank 3: High pressure spray tank

**Function:** After the first two tanks are cleaned, the three tanks will be rinsed with high-pressure spray again to clean the workpiece;

### ◆ Tank 3: Hot air drying tank

**Function:** After the first three tanks are cleaned, the four tanks are air-dried, and the cleaned objects are quickly dried.

\*In addition, the tank body can be customized for lifting bubbling, etc., or according to your specific size specifications, You can consult an online sales engineer for what kind of scheme to use.



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 Sky men Transducer Wiring



6 Tank Polishing



7 Assembling



8 Age Testing



9 Sky men 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,





## INDUSTRIAL ULTRASONIC CLEANER SERIES



Auto



Aircraft



Marine



Electronic



Catering



What functions can we make?



PLC



Lifting



Spraying



Condensation



Bubbling



Agitation



Filtration



Drying

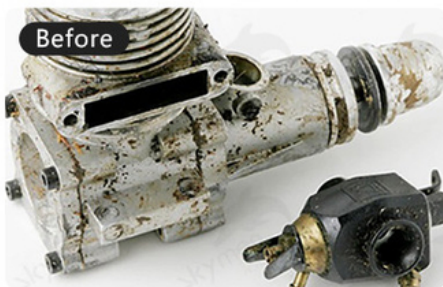
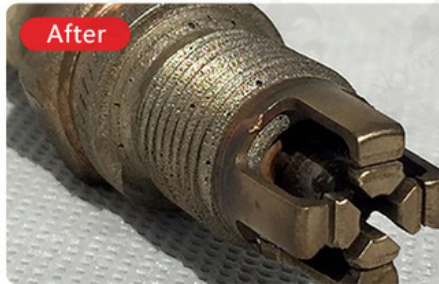
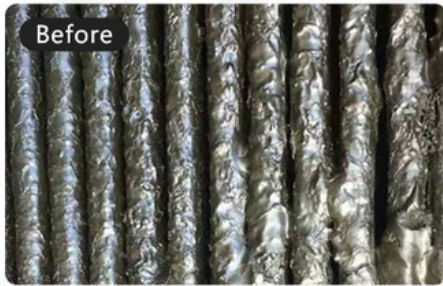
### Features

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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