SUS304L Ultrasonic Parts Cleaner FCC Benchtop 5 Tank 28KHz 40kHz 135L

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: Skymen
- Certification: RoHS, CE, FCC, SGS
- Model Number: JP-5072GH
- 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-5072GH
- Tank Volume: 135L
- Ultrasonic Power: 1800W
- Heating Power: 4500W
- Frequency: 40KHz/28KHz
- Internal Tank Size: 600X500X450mm (L*W*H)
- Highlight: **SUS304L Ultrasonic Parts Cleaner**, **FCC Benchtop Ultrasonic Parts Cleaner**, **135L Ultrasound Cleaning Machine**

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Our Product Introduction

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Product Description

5 Tank 28KHz Metal Parts Sonic Cleaner Tank Intake Manifold 40kHz Ultrasound Cleaning Machine
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.Applications
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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-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 (KHz)	Capacity (L)	Tank Size (MM)	Ultrasonic Power(W)	Heating Power(W)	Spray / Lift / Filtration	Dry Power(W)	Timer (H)	Heater (°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 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.

CE FC SCCPs PSE ISO REACH SVHC RoHS PAHS BSCI

Cooperated Clients

BEST BUY, CSIC, HUAWEI, Schneider Electric, Continental, OMRON, MAHLE, SAMSUNG, SIEMENS, HONDA, PORSCHE, GREE, 北京大学, Audi, HUTCHINSON, TOYOTA, mindray, FOXCONN, 六福珠寶 LUKFOOK JEWELLERY, 中国中车 CRRC, CHINT 正泰, SAUDIA, PHILIPS 飞利浦, 小米有品, 大族激光 HAN'S LASER

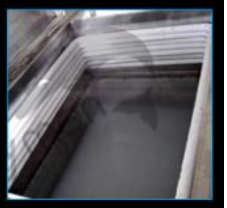
Large-single-tank & multi-tank ultrasonic cleaning equipment

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

PLC

Lifting&throwing

Spraying


Cooling

Bubble

Agitation

Drum cleaning

Drying

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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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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

ULTRASONIC GENERATOR
ULTRASONIC GENERATOR
ULTRASONIC GENERATOR
ULTRASONIC GENERATOR

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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.

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Copper, aluminum, stainless steel, hardware industry applications

Auto parts, aviation, shipbuilding, industry applications

Fixture industry application

Equipment production process

❶ Raw Material ❷ Board Cutting ❸ Tank Welding

❹ Transducer Installation ❺ Skymen Transducer Wiring ❻ Tank Polishing

❼ Assembling ❽ Age Testing ❾ Skymen Factory Shipping

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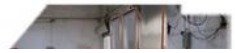
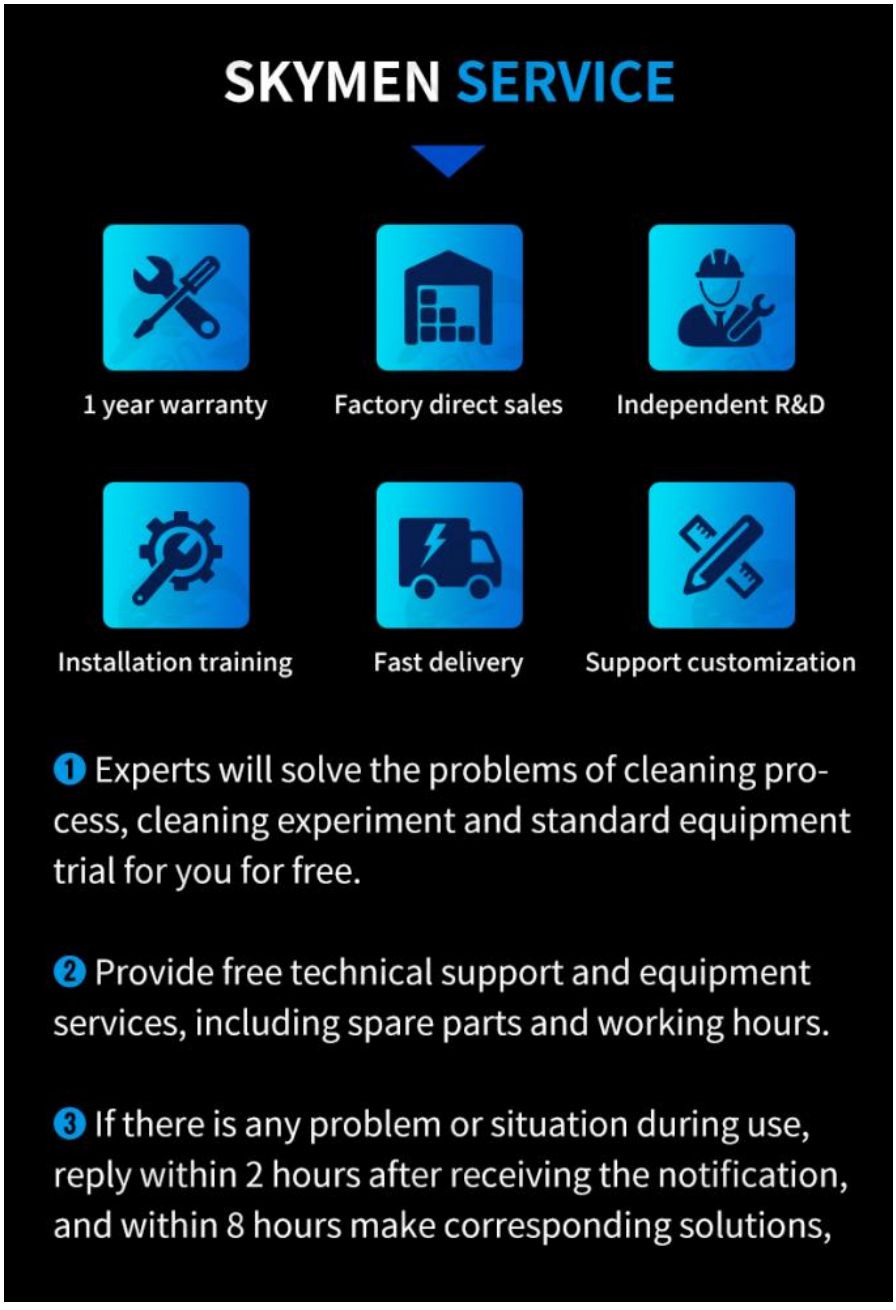
ABOUT SKYMEN

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.





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:

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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