



SUS316 264L Ultrasonic Cleaning System For Metal Parts

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SkyMen
- Certification: RoHS, CE, FCC, SGS
- Model Number: JP-3120GH
- 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-3120GH
- Tank Volume: 264L
- Ultrasonic Power: 6000W
- Heating Power: 6000W
- Frequency: 40KHz/28KHz
- Filter Cycle System: 1 Set
- Certification: CE, FCC
- Material: SUS304, SUS316
- Fuel: Electric
- Condition: NEW
- After-sales Service Provided: Online Service, Free Spare Parts
- Cleaning Type: Industrial Ultrasonic Cleaner, Immersion / Soak
- Dimension(l*w*h): 800*600*550mm
- Industry Used: Mechanical Part, Machined Metal Parts

Product Description

SUS316 264L Ultrasonic Cleaning System For Mechanical Machine Metal Parts

Mechanical parts could be well cleaned by the 3 tank Ultrasonic cleaning system!

degreasing, chip removal, rust removal, oxide removal, decontamination, etc.

cleaning of various precision machined metal parts.

1st tank work as ultrasonic cleaning;

2nd work as rinsing parts after cleaning.

3rd dry your parts.

Working Principle of Ultrasonic cleaning system:

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.

Application of Ultrasonic cleaning system:

Ultrasonic cleaner is ideal to clean rust, carbon, paint, heavy oil, fruit agricultural chemicals and other things hard to clean, without damage to parts inside tank.

Tank dimension and transducers are custom made available.

Functions of Ultrasonic cleaning system:

ultrasonic cleaner equipment system with filter system, Specification of tank dimension are custom made available. Either for big mould or small parts cleaning can receive perfect cleaning efficiency. Stainless steel basket is optional.

PRODUCT SPECIFICATIONS of 3 tanks ultrasonic cleaning system:

No		
1	Model	JP-3120GH (Ultrasonic Cleaning + Filter+ Rising+ Hot Air Drying)
2	1st Tank	Function
		Ultrasonic Cleaning + Filter
		Ultrasonic Frequency
		28/40kHz (other frequency can be customized)
		Tank Material
		SUS 304 (SUS 316 can be customized)
		Inner tank dimension
		800*600*550mm
		Tank Capacity
		264L
		Transducer
		96 pcs
		Ultrasonic Power
		3000W
		Heating Power
		6000W
3	2nd tank	Time setting of Ultrasonic
		0~99 hours
		Temperature setting
		Room temperature ~ 95°C adjustable
		Thickness of tank
		1mm
		Drain value
		Yes, in the right side of machine
		Water inlet/outlet
		Yes
4	3rd tank	Filter
		1 set, connect with 1st tank
		Generator
		1 set
		Lid
		Yes, hinged with machine body, with gasket
		Basket load
		200KG
		Function
		Ultrasonic Cleaning + Rising
5	Warranty	Inner tank dimension
		800*600*550mm
		Ultrasonic Power
6	Certificate	3000W
		Heating Power
		6000W
7	Production time	Function
		Hot Air Drying
		Inner tank dimension
8	Dryer Power	800*600*550mm
		3000W
		1 year warranty for spare parts, all life technical support
9	CE, RoHS, FCC, REACH	5 days if there is stock; 20 days if there is no stock

PRODUCT CONFIGURATION of skymen ultrasonic cleaning system:

04

Stainless steel outer
plate



05

Good load-bearing
effect

More Support Chip
In Inner Tank
Better Bearing Load



06

Cleaning basket

Stainless Steel Cleaning
Basket





07

Universal Casters

Universal Casters
Convenient For Moving

08

Generator

Independent research
and development of
ultrasonic generator
Stable Output



SIMILAR PRODUCTS of skymen 3 tanks ultrasonic cleaning system:

Model	Tank size (mm)	Capacity (L)	Transducer (pcs)	Ultrasonic power (W)	Heating power (W)	Frequency (kHz)	Generator (set)
JP-3024GH	500*300*250	38	24	600*2	1500*2	28/40	1
JP-3036GH	500*350*300	53	36	900*2	1500*2	28/40	1
JP-3048GH	550*400*350	77	48	1200*2	3000*2	28/40	1
JP-3060GH	550*450*400	99	60	1500*2	4500*2	28/40	1
JP-3072GH	600*500*450	135	72	1800*2	4500*2	28/40	1
JP-3096GH	700*500*500	175	96	2400*2	6000*2	28/40	2
JP-3120GH	800*600*550	264	120	3000*2	6000*2	28/40	2
JP-3144GH	1000*600*600	360	144	3600*2	9000*2	28/40	2
JP-3216GH	1000*900*600	540	216	5400*2	18000*2	28/40	3
JP-3288GH	1200*1000*800	960	288	7200*2	24000*2	28/40	4

Applications of ultrasonic cleaning system:

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



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