

## 540L 10800W Ultrasonic Instrument Cleaner Dpf SUS Sky men JP-3216GH

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: Sky men
- Certification: RoHS, CE, FCC, SGS
- Model Number: JP-3216GH
- 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-3216GH
- Tank Volume: 540L
- Ultrasonic Power: 10800W
- Heating Power: 18000W
- Frequency: 40KHz/28KHz
- Filter Cycle System: 1 Set
- Highlight: **540L Ultrasonic Instrument Cleaner,  
10800W Ultrasonic Instrument Cleaner,  
SUS Ultrasonic Auto Parts Cleaner**

## Product Description

### Skymen JP-3216GH 540L 10800W Dpf Three Tank Industrial Ultrasonic Cleaner Baths Cleaning

#### PRODUCT SPECIFICATIONS

No		
1	Model	JP-3096GH (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
		SUS304 (SUS 316 can be customized)
		Inner tank dimension
		1000*900*600mm
		Tank Capacity
		540L
		Transducer
		96 pcs
		Ultrasonic Power
		5400W
		Heating Power
		6000W
		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
		Filter
		1 set, connect with 1st tank
		Generator
		1 set
		Lid
		Yes, hinged with machine body, with gasket
		Basket load
		200KG
3	2nd tank	Function
		Ultrasonic Cleaning + Rising
		Inner tank dimension
		1000*900*600mm
		Ultrasonic Power
		5400W
		Heating Power
		6000W
4	3rd tank	Function
		Hot Air Drying
		Inner tank dimension
		1000*600*600mm
		Dryer Power
		9000W
5	Warranty	1 year warranty for spare parts, all life technical support
6	Certificate	CE, RoHS; FCC, REACH
7	Production time	5 days if there is stock; 20 days if there is no stock

#### PRODUCT CONFIGURATION





Sales Center in Fuyong ,ShenZhen City ,GuangDong Province



R&D Center in Sha jing,Shenzhen City,Guang Dong Province



Production Base in WuJiang ,Shao Guan City ,Guang Dong Province

# Upgarde Interface

## U L T R A S O N I C   C L E A N E R



01

Button Or PLC Control  
Selectable

02

Drain Valve

Equipped With Inlet  
And Drainage Valves



03

Cylinder head  
concave design

Cylinder head concave  
design-Beautiful  
Tight Handle Lid





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



## Details Specification

Model	Tank Size(mm)	Capacity	Timer	Frequency	Transducer pcs	Ultrasonic Power	Heating Power	Filtration	Drying Power	Drying Temperature
JP-3024GH	500X300X250	38L	1-99h	40/28KHz	24	600W*2	1.5KW*2	YES	3000W	20-150°C
JP-3036GH	500X350X300	53L	1-99h	40/28KHz	36	900W*2	1.5KW*2	YES	3000W	20-150°C
JP-3048GH	550X400X350	77L	1-99h	40/28KHz	48	1200W*2	3KW*2	YES	3000W	20-150°C
JP-3060GH	550X450X400	99L	1-99h	40/28KHz	60	1500W*2	3KW*2	YES	4500W	20-150°C
JP-3061GH	800X300X400	96L	1-99h	40/28KHz	30	1500W*2	3KW*2	YES	4500W	20-150°C
JP-3072GH	600X500X450	135L	1-99h	40/28KHz	72	1800W*2	4.5KW*2	YES	4500W	20-150°C
JP-3096GH	700X500X500	175L	1-99h	40/28KHz	96	2400W*2	6KW*2	YES	6000W	20-150°C
JP-3120GH	800X600X550	264L	1-99h	40/28KHz	120	3000W*2	6KW*2	YES	6000W	20-150°C
JP-3144GH	1000*600*600	360L	1-99h	40/28KHz	144	3600W*2	9KW*2	YES	6000W	20-150°C
JP-3168GH	1500X700X400	420L	1-99h	40/28KHz	168	4200W*2	15KW*2	YES	6000W	20-150°C
JP-3192GH	1200X500X800	480L	1-99h	40/28KHz	192	4800W*2	15KW*2	YES	9000W	20-150°C
JP-3216GH	1000X900X600	540L	1-99h	40/28KHz	216	5400W*2	18KW*2	YES	9000W	20-150°C
JP-3240GH	1000X800X800	640L	1-99h	40/28KHz	240	6000W*2	18KW*2	YES	9000W	20-150°C
JP-3264GH	1000X1000X800	800L	1-99h	40/28KHz	264	6600W*2	24KW*2	YES	12000W	20-150°C
JP-3288GH	1200X1000X800	960L	1-99h	40/28KHz	288	7200W*2	30KW*2	YES	12000W	20-150°C
JP-3432GH	1500X1000X1000	1500L	1-99h	40/28KHz	432	10800W*2	36KW*2	YES	18000W	20-150°C

# Application Industry

Applied To Hardware,Electronic,Auto Parts,Optical,Semiconductor  
New Energy, Aeronautics And AstronauticsRail Traffic  
Petrochemical, etc



Hardware



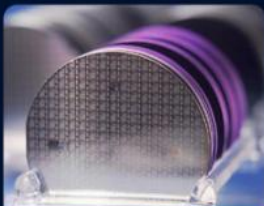
The Electronics Industry



Auto Parts



Optical Industry



Semiconductor Industry



New Energy



Aeronautics And  
Astronautics



Rail Transportation



Petrochemical Industry



# The Reason For Choosing Us

## U L T R A S O N I C   C L E A N E R



Skymen Brand Ultrasonic Cleaner  
Button Panel, Concise and Saving  
Effort

VS



Other Brand, Inconvenient Operation



Skymen Brand Concave cylinder  
Mouth design, No Overflowing Water  
good noise elimination

VS



Other brand cleaning machine flat  
cylinder mouth, water is easy to  
splash out



Skymen brand using self-developed  
ultrasonic generator, digital  
automatic frequency scanning  
stable output

VS



Other Brands, Using older  
mechanical generators



# Cleaning Comparison Example

No contrast, no harm

Before cleaning



After cleaning



Before cleaning



After cleaning



Before cleaning



After cleaning



Before cleaning



After cleaning





Sales team 80+



R&D team 20+



Factory employees, 500+

## Advantage

Craftsman spirit, to create product quality, customized product production base



### Product licensing

To Be Our Partner, enjoying product authorization

### Support customization

Large Warehouse of 3000 Square Meters, product wholesale





### **Spot wholesale**

Large Warehouse of 3000 Square Meters, product wholesale  
Product wholesale ,No need to worry

### **OEM manufacturer**

Mutual cooperation



### **Project research and development**

Custom design Mould Research  
And Development  
Mutual cooperation



## Strict quality inspection

Self-inspection team detection, real-time sampling of each process



## Manufacturing process



### 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 PRODUCTS

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

#### 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.



## INDUSTRIAL ULTRASONIC CLEANER SERIES



Auto



Aircraft



Marine



Electronic



Catering



What functions can we make?



PLC



Lifting



Spraying



Condensation



Bubbling



Agitation



Filtration



Drying

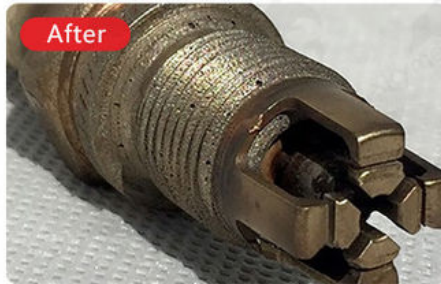
### Features

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.





Professional Ultrasonic Cleaning Equipment Manufacturer

## Our Advantages

**13+**

13+ years R&D  
experience

**10,000+**

10,000+ square  
meters factory

**200+**

200+ experienced  
employees

**120+**

120+ countries and  
areas exported

## Our Factory





# PRODUCTION PROCESS



1 Raw Material



2 Board Cutting



3 Tank Welding



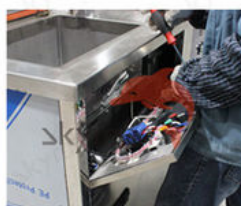
4 Transducer Installation



5 Skymen Transducer Wiring



6 Tank Polishing



7 Assembling

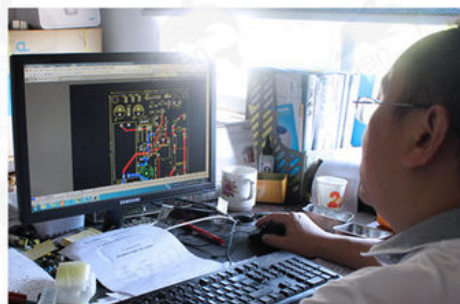


8 Age Testing



9 Skymen Factory Shipping

## Our RD Team



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