



Semiwave Single Tank Ultrasonic Cleaner AC220V 53L 2mm Tank

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen
- Brand Name: SkyMen
- Certification: CE/RoHS/ISO9001
- Model Number: JP-180ST
- Minimum Order Quantity: 1
- Price: usd 720-760/pcs
- Packaging Details: Wooden Case
- Delivery Time: 5days
- Supply Ability: 3000 PCS per month



Product Specification

- Frequency: 40Hz
- Material: Stainless Steel SUS304/SUS316
- Tank Capacity: 53L
- Timer: 1-99min
- Heater: Room Temp~80°C Adjustable
- Ultrasonic Power: 900W
- Heating Power: 1500W
- Transducers: 18
- Highlight: Semiwave Single Tank Ultrasonic Cleaner, AC220V Single Tank Ultrasonic Cleaner, 2mm Tank Ultrasonic Metal Cleaner



More Images




Product Description

Semiwave Single Tank Ultrasonic Cleaner AC220V 53L 2mm Tank

Description of Ultrasonic Cleaner

Ultrasonic cleaning is a modern, safe, efficient, most economy and fastest way for effectively removing of contaminants and tenacious deposits from objects with complex geometry. The ultrasonic cleaning benefits consist of a deep cleaning of the objects and the elimination of the risk of injury or infection with manual cleaning.

The ultrasonic cleaner is a microprocessor-controlled device that uses ultrasonic or high frequency sound waves to clean jewelry and other delicate items. Ultrasonic cleaning is based on the cavitation effect caused by high frequency ultrasonic wave vibration signals in fluid. Microscopic bubbles that expand and rapidly collapse cause cavitation, which creates an effective cleaning action on the surface of object being cleaned. Additionally, the bubbles are small enough to penetrate even microscopic crevices, cleaning them thoroughly and consistently.

Model No.	JP-180ST	
Image		
Ultrasonic model	Ultrasonic Frequency	28/40 kHz
	Material	Stainless Steel SUS304
	Tank Capacity	53L
	Timer	1~99min adjustable
	Heater	20°C to 95°C adjustable
	Degas	Yes
	Semiwave	Yes
	Power Supply	AC 100 ~ 120V, 50 / 60Hz AC 220 ~ 240V, 50 / 60 Hz
	Ultrasonic Power	900 W
	Heating Power	1500W
	Basket& cover	Standard equipped
Packing	Tank Size	500*350*300mm (L x W x H)
	Unit Size	680*550*735mm (L x W x H)
	Package Size	800*620*880mm(L x W x H)
	N.W. / G.W.	58kg /87 kg
	Warranty	1 year
Features.	Automatic measuring of load - frequency and power regulation Fully digital generator – well-adjusted and energy efficient Advanced diagnostics – performance monitoring and service capabilities Top level of cleanliness Quick wash process Good ergonomics in manual handling of lightweight items A cost-effective solution Compact design, small footprint	

Application.	Garage workshops, commercial vehicle repair workshops, fuel test laboratories, marine engine repair, electrical engineers, aeronautical industry, precision and general engineering, engine rebuilding, turbocharger repair shops, etc.
Certificates	CE/ROHS/FCC/PSE/ISO9001

2. Description:
A. Material:
a. Tank thickness: 2.0mm. (Stainless Steel SUS304)
b. Capacity: 53liter
c. N.W. / G.W.: 58KG / 87KG
d. Warranty: 1 Year
B. Dimension:(L* W*H) mm
a. Tank size: 500*350*300mm
b. Unit size: 680*550*735mm
c. Packing size: 800*620*880mm
C. Features:
a. Stainless steel SUS 304 tank and housing.
b. Stainless steel washing basket and Lid,
c. Full-open lid easy for water filling, drainage valve for dirty water discharge.
D. Application:
a. Train bearings, industry instrument, hardware instrument, scientific laboratory, automotive parts, motor, machine tool, etc.
E. Certificates: CE/ROHS/FCC/PSE/ISO2008 9001

Application:

-Scientific Labs: Eyeglass Frames; Lab Glassware; Optical & Contact Lenses; Pipettes; Scientific Instruments; Test tubes
-Industrial Manufacturing: Assemblies; Gears; Metal & Plastic Parts; Precision Bearings
-Electronic manufacturing: Capacitors; Ceramic Substrates; PC Boards; Packaging Components; Quartz Crystals
-Medical and Dental Lab: Burs; Blood Oxygenators; Dental Instruments; Syringe Parts; Surgical Instruments
-Jewelry Manufacturing: Chains; Charms; Coins; Intricate Settings; Precious Metals & Gemstones; Watches

If your company has other needs, you can choose the size that suits you according to the chart below

Product Parameter

Drying, filtration, throwing/lifting and other functions are optional.
You can contact customer service staff for more details.

Model	Tank Size(mm)	Capacity	Timer	Frequency	Generator	Ultrasonic Power	Heating Power
JP-120ST	500X300X250	38L	1-99min	28/40KHz	Built-in	600W	1.5KW
JP-180ST	500X350X300	53L	1-99min	28/40KHz	Built-in	900W	1.5KW
JP-240ST	550X400X350	77L	1-99min	28/40KHz	Built-in	1200W	3KW
JP-300ST	550X450X400	99L	1-99min	28/40KHz	Built-in	1500W	3KW
JP-301ST	800X300X400	96L	1-99min	28/40KHz	Built-in	1500W	3KW
JP-360ST	600X500X450	135L	1-99h	28/40KHz	External	1800W	4.5KW
JP-480ST	700X500X500	175L	1-99h	28/40KHz	External	2400W	6KW
JP-600ST	800X600X550	264L	1-99h	28/40KHz	External	3000W	6KW
JP-720ST	1000X600X600	360L	1-99h	28/40KHz	External	3600W	9KW
JP-840ST	1500X700X400	420L	1-99h	28/40KHz	External	4200W	15KW
JP-960ST	1200X500X800	480L	1-99h	28/40KHz	External	4800W	15KW
JP-1108ST	1000X900X600	540L	1-99h	28/40KHz	External	5400W	18KW
JP-1120ST	1000X800X800	640L	1-99h	28/40KHz	External	6000W	18KW
JP-1132ST	1000X1000X800	800L	1-99h	28/40KHz	External	6600W	24KW
JP-1144ST	1200X1000X800	960L	1-99h	28/40KHz	External	7200W	30KW
JP-1216ST	1500X1000X1000	1500L	1-99h	28/40KHz	External	10800W	36KW

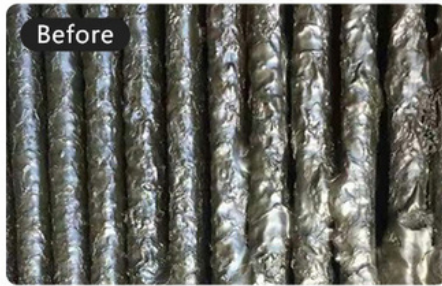
How ultrasonic cleaner works:

Electrical energy is converted into mechanical vibrations thanks to special elaborated transducers. These vibrations are transferred into the fluid through the walls of stainless steel. This creates tiny microscopic vacuum bubbles, which cause consecutive implosions (cavitation). The high-energy jets that are thus created can efficiently remove dirt from surfaces and materials placed in the cleaning bath.

An ultrasonic cleaner in your kitchen will save time and reduce effort while providing a safe solution for your kitchenware. With the help of oil remove detergent, the ultrasonic cleaner could fast and efficiently take the oil, polish the kitchenware. When using an ultrasonic cleaner on glassware, plasticware, and your lab instruments. Whether you are cleaning **oven trays, pans**. studies have shown that it can be up to 30 times faster while delivering thoroughly clean results.

CLEANING EFFECT

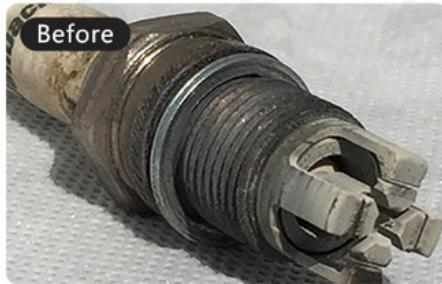
Better cleaning when cleaning with detergent



Before



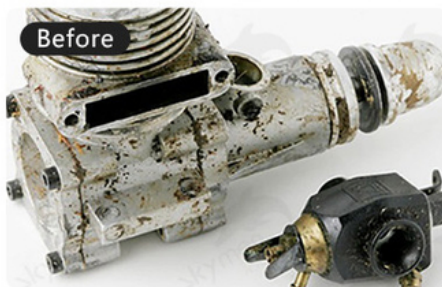
After



Before



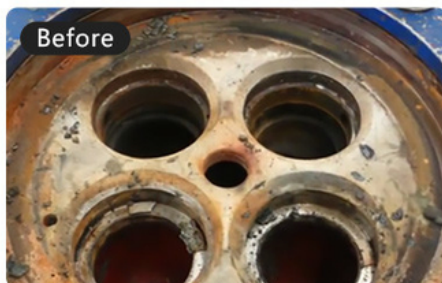
After



Before



After



Before



After

FAQ

How about after sales services?

12 months warranty for SKYMEN ultrasonic cleaner. Any technical problem during warranty time, free replacement parts will be sent to your door. And technical support is also available after 1 year.

What are advantages of ultrasound over traditional cleaning methods?

- 1).minimizes the use of manual labor
- 2).makes cleaning and degreasing without the use of organic solvents
- 3).reaches every area of product and remove all types of dirt
- 4).shorten processes such as extraction, dispersion, purification, and chemical reactions.
- 5).eliminates costly mechanical and chemical cleaning of heat exchangers

Will ultrasonic cleaning damage item's parts?

Ultrasonic cleaning is considered as safe cleaning way for most parts;
In some cases, it is necessary to observe carefully. The effect of thousands of implosions per second is very powerful, and the cleaning process is safe.



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