

## 38 Liter Tank Ultrasonic Cleaning Machine 40KHz- 132KHz For Removing Polishing Paste

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: SKYMEN / OEM
- Certification: CE/REACH
- Model Number: JP-120ST
- Minimum Order Quantity: 1 unit
- Price: Negotiation
- Packaging Details: wooden case
- Delivery Time: In Stock
- Payment Terms: L/C, T/T, paypal
- Supply Ability: 500 units per week



### Product Specification

- Model: JP-120ST
- Material: SUS 304/316
- Frequency: 40KHz / 28KHz / 68KHz / 132KHz
- Tank Capacity: 38L
- Tank Size: 500\*300\*250 Mm
- Transducer: 12pcs
- Ultrasonic Power: 600W
- Heating Power: 1500W
- Timer: 1-99 Minutes Adjustable
- Heater: 20~95C Adjustable
- Highlight: **ultrasonic washing machine,  
ultrasonic cleaning unit**



## Product Description

### Ultrasonic Cleaner 38 Liter for Removing Polishing Paste with 12pcs Transducers

1. What is ultrasound: There are three types of waves: infrasound, sonic, and ultrasonic. The frequency of infrasound waves is below 20Hz; the frequency of acoustic waves is 20Hz ~ 20kHz; the frequency of ultrasonic waves is above 20kHz. The infrasound and ultrasonic waves are generally inaudible to the human ear. Because of its high frequency and short wavelength, ultrasonic waves have good directivity and strong penetrability, which is why ultrasonic cleaning machines are designed and manufactured.

2. The structure of the ultrasonic cleaning machine: The ultrasonic cleaning machine is mainly composed of an ultrasonic cleaning tank and an ultrasonic generator. The ultrasonic cleaning tank is made of high-quality stainless steel with strong elasticity and corrosion resistance. The ultrasonic transducer vibrator is installed at the bottom; the ultrasonic generator generates high-frequency and high-voltage and conducts to the transducer through the cable connection line. High-frequency resonance is generated, so that the solvent in the cleaning tank is subjected to ultrasonic waves to clean the dirt.

#### Specification:

Model	JP-120ST
Frequency	40KHz / 28KHz
Housing material	SUS304
Tank material	SUS304 / 316
Transducer	12pcs
Ultrasonic power	600W (12pcs transducers)
Heating power	1500W
Tank capacity	38L
Water inlet / outlet	Yes
Timer	Digital 1-99 min adjustable
Heater	0~80°C
Voltage	AC 100~120V, 60Hz AC 220~240V, 50Hz
Tank size	500*300*250 mm
Unit size	735*500*695 mm
Packing size	Wooden case
N.W.	65 Kg
G.W.	70 Kg
Certificate	ISO9001:2008 CE & REACH

From 10 gallons to 200 gallons, size could be customized

#### Features:

Fully insulated stainless steel tank construction;  
Digital LED screen show temp and time, easy to use;  
Adjustable built-in heat to improve the cleaning effectiveness;  
Stainless steel lid help to reduce the noise;

#### The whole set machine including:

1\* cleaning machine  
1\* lid  
1\* basket

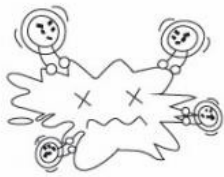
#### Similar models with different tank volume:

Model	Tank size L*W*H (mm)	Volume (L)	Ultrasonic Power (W)	Heating Power (W)	Transducer (pcs)
<b>JP-120ST</b>	<b>500X300X250</b>	<b>38L</b>	<b>600W</b>	<b>1500W</b>	<b>12pcs</b>
JP-180ST	500X350X300	53L	900W	1500W	18pcs
JP-240ST	550X400X350	77L	1200W	3000W	24pcs
JP-300ST	550X450X400	99L	1500W	4500W	30pcs
JP-301ST	800X300X400	96L	1500W	4500W	30pcs
JP-360ST	600X500X450	135L	1800W	4500W	36pcs
JP-480ST	700X500X500	175L	2400W	6000W	48pcs
JP-600ST	800X600X550	246L	3000W	6000W	60pcs
JP-720ST	1000X600X600	360L	3600W	9000W	72pcs
JP-1108ST	1000X900X600	540L	5400W	18000W	108pcs
JP-1144ST	1200X1000X800	960L	7200W	27000W	144pcs

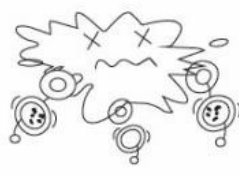
#### How does Ultrasonic Cleaner work?

## DIRT ELIMINATION PROCESS THROUGH ULTRASONIC TECHNOLOGY

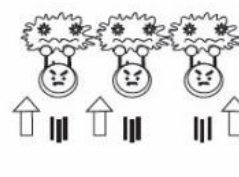
- Cleaning effect will be much better if using the machine together with proper solvent.



As ultrasonic wave through the solution in the tank, cause alternating high and low pressures in the solution.



During the low pressure stage, millions of microscopic bubbles form and grow. This process is called "CAVITATION".



During the high pressure stage, the bubbles implode releasing enormous amounts of energy. They work in all directions, attacking surface and invading all recesses and openings.

Cleaning effect contrast:



**Sky men Technology Corporation Limited**

☎ 86-755-27094405

✉ [info@skymen.cc](mailto:info@skymen.cc)

🌐 [skymenultrasonic.com](http://skymenultrasonic.com)

Floor 1st & 2nd, Building 3, Tanggang Taifeng Industrial Park, Dawangshan Community, Shajing Street, Bao'an District, Shenzhen