



## 38L Ultrasonic Cleaning Mach 28/40 KHz Optional For Removing Heavy Oil Stain Rust Degrease

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: SkyMen
- Certification: CE FCC ROHS ISO9001
- Model Number: JP-120ST
- Minimum Order Quantity: 1
- Price: Negotiation
- Packaging Details: Wooden case
- Delivery Time: In stock
- Payment Terms: T/T
- Supply Ability: 1000 units per month



#### Product Specification



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## Product Description

### Specification

Model	JP-120ST
Tank Volume	38L
Tank Material	Stainless Steel 304 (2mm thickness)
Inner Tank Size	500*300*250mm(L*W*H)
Frequency	28 / 40KHz for option
Transducers	12pcs
Ultrasonic Power	600W
Heating Power	1500W
Heating Temp	20-95°C adjustable
Timer	1-99minutes adjustable
Generator	Built-in
Unit Size	680*500*735mm(L*W*H)
Power Supply	AC 100 ~ 120V, 50 / 60Hz, AC 220 ~ 240V, 50 / 60 Hz

### Images



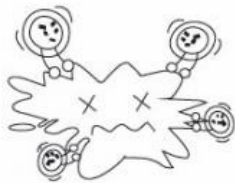
## Operation Panel Analysis



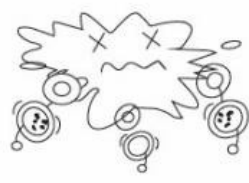
How does Ultrasonic Cleaner work?

### DIRT ELIMINATION PROCESS THROUGH ULTRASONIC TECHNOLOGY

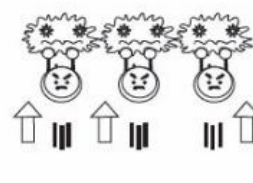
- Cleaning effect will be much better if using the machine together with proper solvent.



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.

### Features of Skymen Ultrasonic Cleaner

**Ultrasonic Transducers** – Generates high-frequency sound waves (typically 28/40 kHz for option) to create microscopic bubbles (cavitation) that clean surfaces thoroughly.

**Heating Element** – Includes a heater to warm the cleaning solution, 20-95°C adjustable, improving cleaning efficiency, especially for greasy or stubborn contaminants.

**Timer Control** – Allows users to set cleaning durations (usually 1–99 minutes) for optimal results without overexposing items.

**Stainless Steel Tank** – Skymen ultrasonic cleaners have a durable, corrosion-resistant tank to hold cleaning solutions and withstand long-term use.

### Application Fields

**Machinery industry:** Removing rust and grease for machinery Parts, Engine, carburetor, filter and automobile parts cleaning. Especially in the railway industry, removing oil, rust and dust for air condition and other train parts.

**Surface treatment industry:** Degreasing derusting before plating, Ion plating before cleaning, phosphating, remove carbon deposition, oxidation and polishing paste

**Instrument industry:** precision parts cleaning

**Electronic industry:** remove Rosin and welding spot for p.c.b. boards, machinery parts cleaning

**Medical industry:** medical apparatus and instruments cleaning and disinfecting

**Semiconductor industry:** Semiconductor chips etc.

**Jewellery & Watch industry:** Remove oil sludge, dust, oxidation layer, polishing paste. Etc.

**Chemical biology industry:** labwares' cleaning and descaling

**Optics industry:** Optical vessels oil, sweat and dust removal

**Textile printing and dyeing industry:** textile spindle, spinneret plate cleaning.

**Petroleum chemical industry:** Metal screen cleaning, chemical containers and switches' cleaning



Remove Oil



Remove Rust



Remove Dust

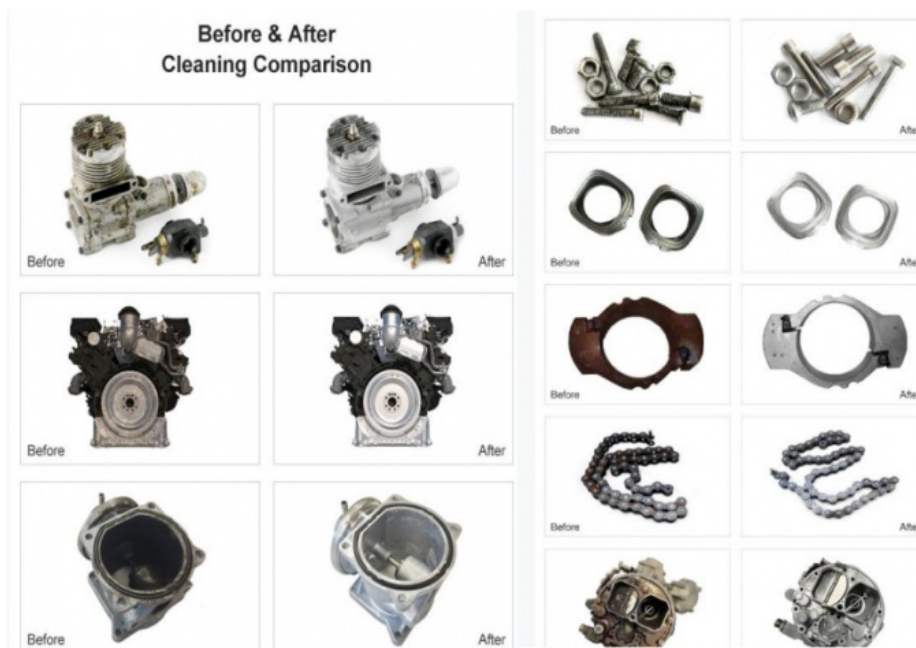


Remove Paint



Remove Rosin

### Cleaning Effect



### After-sales Service:

For all Skymen products, we provide:

1. test at least 2 days before out of factory,
2. take photos for you confirm all the details
3. 1 year warranty and lifetime technical supports, free parts will be sent for any quality problems during warranty time.

### COMPANY STRENGTH

Skymen is a leading manufacturer and national high-tech enterprise, was founded in 2007. There are 2 factories of Skymen, one is located in Shenzhen, closed to HongKong. And the other is located in Shaoguan, Guangdong province, China. Over the years, we have been focusing on the research and development of ultrasonic equipment and cleaning solutions, with more than 350 employees and a factory area of 39,000 square meters.



## COOPERATED CUSTOMERS



**Skymen Technology Corporation Limited**



86-755-27094405



info@skymen.cc



skymenultrasonic.com

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