

38L Ultrasonic Cleaning Machine with 28/40 KHz Frequency and Stainless Steel 304 Tank for Industrial Degreasing

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

- Highlight: Heavy Oil Stain Ultrasonic Cleaning Machine, Rust Ultrasonic Cleaning Machine



for more products please visit us on skymenultrasonic.com

Product Description

38L Ultrasonic Cleaning Machine with 28/40 KHz Frequency for Heavy Oil, Rust, and Grease Removal

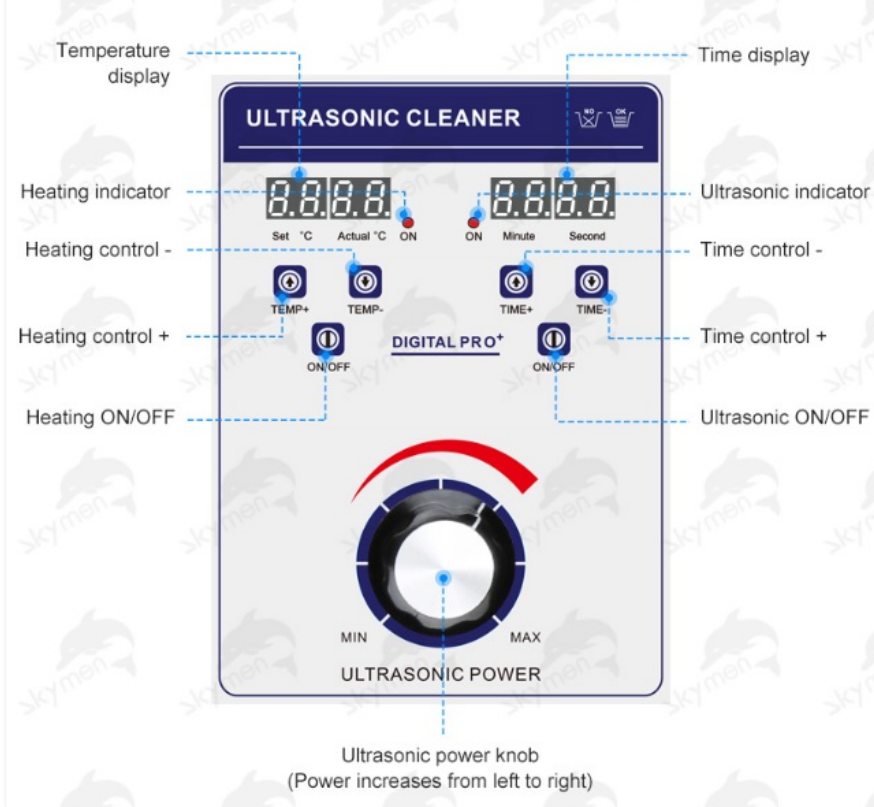
Product Specifications

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 Temperature	20-95 adjustable
Timer	1-99 minutes adjustable
Generator	Built-in
Unit Size	680*500*735mm (L*W*H)
Power Supply	AC 100-120V, 50/60Hz or AC 220-240V, 50/60Hz

Product Images



Operation Panel Analysis



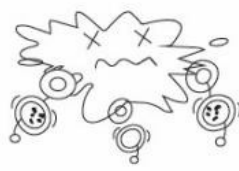
How Ultrasonic Cleaning Technology Works

DIRT ELIMINATION PROCESS THROUGH ULTRASONIC TECHNOLOGY

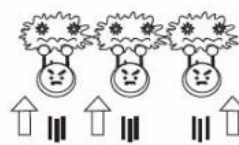
- Cleaning effect will be much better if using the machine together with proper solvent.



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.

Ultrasonic cleaners use high-frequency sound waves to create microscopic bubbles (cavitation) that implode with tremendous force, effectively removing contaminants from surfaces with precision and efficiency.

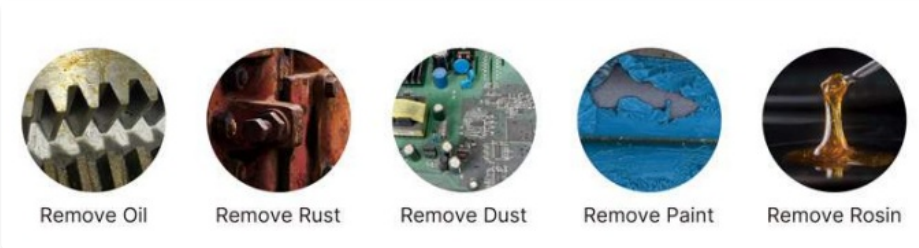
Key Features of Skymen Ultrasonic Cleaner

- **Ultrasonic Transducers** - Generates high-frequency sound waves (28/40 kHz optional) to create microscopic bubbles (cavitation) for thorough surface cleaning
- **Heating Element** - Integrated heater with adjustable temperature from 20-95 to improve cleaning efficiency, especially for greasy or stubborn contaminants
- **Timer Control** - Programmable cleaning durations from 1-99 minutes for optimal results without overexposing items
- **Stainless Steel Tank** - Durable, corrosion-resistant 304 stainless steel construction for long-term reliability

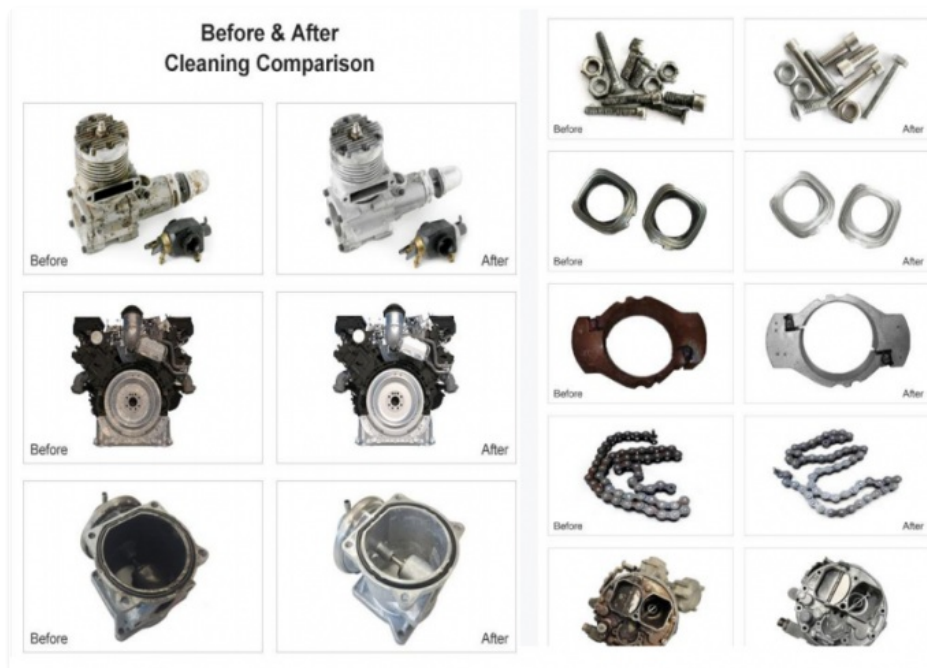
Industrial Applications

- **Machinery Industry:** Removing rust and grease from machinery parts, engines, carburetors, filters, and automobile components. Specialized railway applications for air conditioning and train parts cleaning

- **Surface Treatment Industry:** Degreasing and derusting before plating, ion plating preparation, phosphating, carbon deposit removal, oxidation cleaning, and polishing paste removal
- **Instrument Industry:** Precision parts cleaning for sensitive equipment
- **Electronic Industry:** Rosin and solder flux removal from PCB boards, electronic component cleaning
- **Medical Industry:** Medical apparatus and instruments cleaning and disinfection
- **Semiconductor Industry:** Semiconductor chips and microelectronic component cleaning
- **Jewellery & Watch Industry:** Removal of oil sludge, dust, oxidation layers, and polishing paste
- **Chemical Biology Industry:** Laboratory ware cleaning and descaling
- **Optics Industry:** Optical vessels oil, sweat, and dust removal
- **Textile Printing and Dyeing Industry:** Textile spindle and spinneret plate cleaning
- **Petroleum Chemical Industry:** Metal screen cleaning, chemical containers, and switch component cleaning



Cleaning Performance Results



After-Sales Service & Support

1. Comprehensive testing for at least 2 days before factory shipment
2. Detailed photo documentation for customer confirmation of all specifications
3. 1-year comprehensive warranty with lifetime technical support
4. Free replacement parts provided for any quality issues during warranty period

Company Profile & Manufacturing Strength

Skymen is a leading national high-tech enterprise and ultrasonic equipment manufacturer, established in 2007. With two strategically located factories in Shenzhen (near Hong Kong) and Shaoguan, Guangdong province, we specialize in advanced research and development of ultrasonic equipment and cleaning solutions. Our operations span over 39,000 square meters with a dedicated workforce of more than 350 employees.





COOPERATED CUSTOMERS





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