

600 Watt 38L Ultrasonic Cleaning Machine SUS 304/316 For Turbine Fuel Nozzle

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: skymen/OEM
- Certification: CE/FCC/RHoS/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
- 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: **dual frequency ultrasonic cleaner, ultrasonic washing machine**



Product Description

38L Ultrasonic Cleaning Machine for Turbine Fuel Nozzle 600W

Working way of Ultrasonic Cleaning Machine

Ultrasonic cleaning is the use of ultrasonic cavitation of liquids to accelerate the operation and direct flow of liquids and dirt, which directly or indirectly affect the effect, thereby dispersing, emulsifying, peeling and cleaning the dirt layer.

Ultrasonic cleaning machine equipment uses ultrasonic cleaning machine cavitation and direct current to affect the application.

Ultrasonic cleaning machine ultrasonic cleaning tank and ultrasonic generator two parts. Ultrasonic cleaning tank made of sturdy, good resilience, corrosion-resistant, high-quality stainless steel, the bottom of the ultrasonic transducer oscillator; the frequency and high voltage of the ultrasonic generator are turned on,

Ultrasonic cleaner equipment

Through the transducer connected to the cable, the transducer and the vibration plate generate high-frequency resonance, so that the solvent cleaning tank cleans the dirt ultrasonically.

In laboratory equipment, dust is inevitable in use. Absorption and pollution of dirt are inseparable from cleaning and equipment maintenance.

Storage equipment needs regular cleaning and maintenance, which can also play an incomparable way of ultrasonic cleaning.

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 galles to 200 gallons ,size could be customized

Features:

Dirt and oil could be removed in a short time by using the strong cavitation of ultrasound.

Time is adjustable among 1 second to 500 hours by simple handle of large timer.

Additional special case for small parts cleaning and drainage for changing of cleaning solution.

Automatic stopwatch to manage working time and maintenance time.

Standard residual-current circuit breaker: used for testing leakage power. And keeping moving of machine and cutting of power switch.

The whole set machine including:

1* cleaning machine

1* lid

1* basket

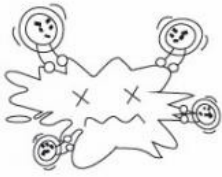
Similar models with different tank volume:

Model	Tank size	Volume	Ultrasonic Power	Heating Power	Transducer
	L*W*H (mm)	(L)	(W)	(W)	(pcs)
JP-120ST	500X300X250	38L	600W	1500W	12pcs
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

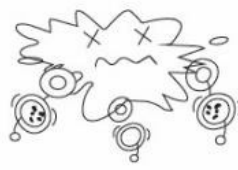
How does Ultrasonic Cleaner work?

DIRT ELIMINATION PROCESS THROUGH ULTRASONIC TECHNOLOGY

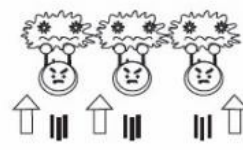
- Cleaning effect will be much better if using the machine together with proper solvent.



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



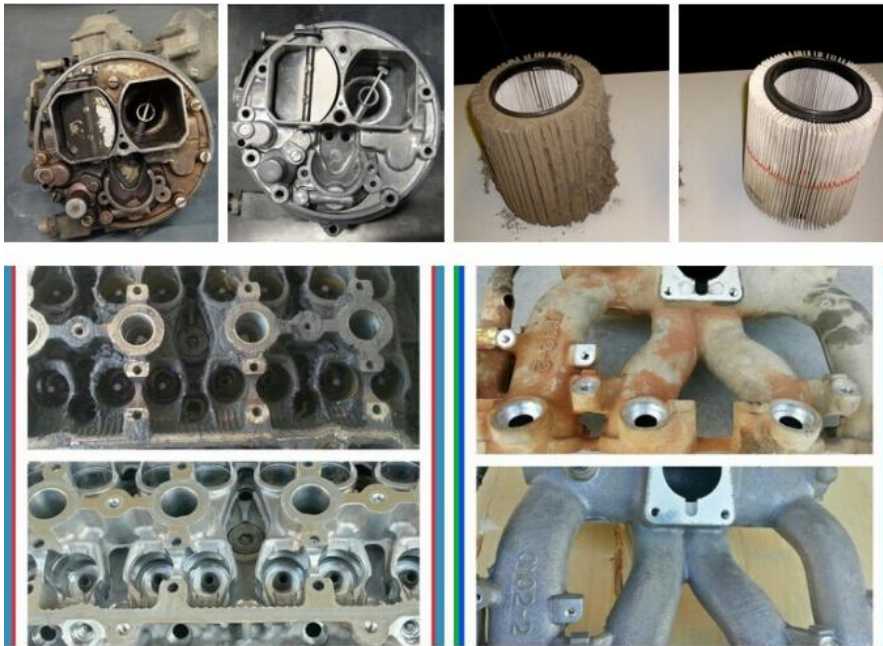
During the low pressure stage, millions of microscopic bubbles form and grow. This process is called "CAVITATION".



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.

Ultrasonic cleaners operate at very low frequencies (within the human hearing range) and produce noise. When the frequency is below 20 kHz, the working noise not only becomes very large, but may exceed the limits of safety noise as stipulated by occupational safety and health laws or other regulations. In applications where high power is required to remove dirt without regard to surface damage of the workpiece, lower cleaning frequencies ranging from 20 kHz to 30 kHz are typically selected. Cleaning frequencies in this frequency range are often used to clean large, heavy-duty parts.

Before and after :



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