



DPF Parts Ultrasonic Cleaning Machine Adjustable Timer Ultrasonic Washing Machine

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-480ST
- Minimum Order Quantity: 1 unit
- Price: Negotiation
- Packaging Details: wooden case
- Delivery Time: In Stock
- Payment Terms: T/T, L/C, Paypal
- Supply Ability: 5000 units per week



Product Specification

- Material: SUS 304/316
- Tank Capacity: 175L
- Tank Size: 700X500X500 Mm
- Unit Size: 975*755*810 Mm
- Paking Size: 1040*815*920 Mm Wooden Case
- Heater: 20~95C Adjustable
- Transducer: 48pcs
- Model: JP-480ST
- Highlight: DPF Parts Ultrasonic Cleaning Machine, Ultrasonic Cleaning Machine 175L, Adjustable Timer Ultrasonic Washing Machine



More Images



Product Description

175L Industrial Ultrasonic Cleaner

The principle of the ultrasonic cleaning machine is to convert the sound energy of the power ultrasonic frequency source into mechanical vibration through the transducer, and radiate the ultrasonic wave into the cleaning solution in the tank through the cleaning tank wall. Due to the ultrasonic radiation, the microbubbles in the liquid in the tank can keep vibrating under the action of sound waves. It destroys the adsorption between the dirt and the surface of the cleaning part, causes the fatigue damage of the dirt layer and is removed, and the vibration of the gas bubble scrubs the solid surface.

Function:

Ultrasound is the most efficient and cost effective method of removing Carbon ,oil, rust ,build-up dirt .

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.

Specificatoin:

Model	JP-480ST
Ultrasonic power	2400W (48pcs transducers)
Frequency	40KHz / 28KHz
Housing material	SUS304
Tank material	SUS304 / 316
Heating power	6000W
Tank capacity	175L
Timer	Digital 1-99 min adjustable
Heater	0~80°C
Voltage	AC 220V, 3phase 50Hz AC 380V, 3phase 50Hz
Tank size	700X500X500mm
Unit size	980*755*800mm
Packing size	1040*815*920mm Wooden case
N.W.	115 Kg
G.W.	120 Kg
Certificate	ISO9001:2008 CE & RoHS

From 10 galles to 200 gallons ,size could be customized

Image of this model :



SKYMEN CLEANING EQUIPMENT SHENZHEN CO.,LTD.

SKYMEN INDUSTRY ULTRASONIC CLEANER



Automotive Marine



Aero



Metal Parts



Tools



Electronic

- ✓ Fast delivery large stock
- ✓ Self-developed circuit board
- ✓ Self-developed ultrasonic transducer
- ✓ With CE/ROHS/FCC/ISO9001 certificate
- ✓ 13 years ultrasonic technical manufacturer



Model : JP-480ST

Tank Size	700*500*500mm (L*W*H)	Unit Size	975*755*810mm (L*W*H)
Material	Stainless Steel 304	Package Size	1090*835*970mm (L*W*H)
Tank Capacity	175 L	Basket material	Stainless Steel
Ultrasonic Power	2400W	Basket size	640*480*450mm(L*W*H)
Optional Frequency	40khz / 28khz	Inlet & drain valve	Yes
Timer	1~99h adjustable	Generator	External generator 2units
Heater	20°C to 95°C adjustable	Power supply	AC 380V, 3phases, 50/60Hz
Heating power	6000W	N.W. / G.W.	128kg / 152kg

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

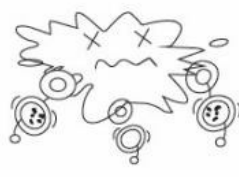
How does Ultrasonic Cleaner work?

DIRT ELIMINATION PROCESS THROUGH ULTRASONIC TECHNOLOGY

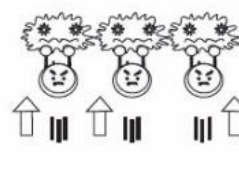
- Cleaning effect will be much better if using the machine together with proper solvent.



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.

How to use an ultrasonic cleaner ?

1	The ultrasonic vibrations heat the washing agent, the collapse of millions of small bubbles releases high energy and enormous cleaning power. This cleaning action gently and thoroughly removes dirt, oil, and contaminants from every surface in contact with the cleaning fluid.
2	Because the liquid can penetrate into very small crevices, ultrasonic cleaning can clean intricate items that cannot be cleaned by hand.

Package by polywooden case:

Before and after :



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