

36gallon Jp-360st Industrial Ultrasonic Cleaner Machine

Our Product Introduction

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Basic Information

- Minimum Order Quantity: 1
- Price: 1324



Product Specification

- Tank Size: 600*500*450 Mm
- Tank Capacity: 135 L
- Transducers: 36
- Ultrasonic Power: 1800 W
- Heating Power: 4500 W
- Frequency: 28K OR 40Khz
- Tank Material: 304 Stainless Steel
- Tank Thickness: 2.5 Mm
- Timer: 1s-99 Hours
- Heater: 20-95°C
- Drain Valve: 1 Inch
- Machine Voltage: AC220-240V/60Hz; AC380-400V/50Hz ; 3 Phase
- Generator Voltage: 2 Sets
- Basket & Lid: Yes



More Images



Product Description

36 Gallon JP-360ST Industrial Ultrasonic Cleaner Machine

Stainless Steel 304 Professional Industrial Aircraft Maintenance Ultrasonic Cleaning Machine

Technical Specifications

Model	JP-360ST	JP-480ST	JP-600ST	JP-720ST
Tank Size (MM)	600×500×450	700×500×500	800×600×550	1000×600×600
Tank Capacity (L)	135	175	264	360
Transducers	36	48	60	72
Ultrasonic Power (W)	1800	2400	3000	3600
Heating Power (W)	4500	6000	6000	9000
Frequency	28K OR 40Khz			
Tank Material	304 Stainless Steel			
Tank Thickness	2.5 mm			
Timer	1s-99 hours			
Heater	20-95°C			
Drain Valve	1 inch			
Basket & Lid	Yes			
Machine Voltage	AC220-240V/60Hz; AC380-400V/50Hz ; 3 phase			
Generator Voltage	2 sets			
Features	With castor			
Packing	Carton			

Special Features

- Stainless Steel Construction ensures solidness and durability
- High efficiency transducer
- All Components are Easily Accessed for Maintenance Operations
- Fiberglass Control Enclosure Provides Ease of Operation while Eliminating Potential Corrosion
- Digital Ultrasonic Timer Included as Standard Equipment
- Filtration system / customized size available

How Ultrasonic Cleaning Works

Electrical energy is converted into mechanical vibrations thanks to special elaborated transducers. These vibrations are transferred into the fluid through the walls of stainless steel. This creates tiny microscopic vacuum bubbles, which cause consecutive implosions (cavitation). The high-energy jets that are thus created can efficiently remove dirt from surfaces and materials placed in the cleaning bath.

Industrial Applications

An industrial ultrasonic cleaner plays an important role in refurbishing equipment. The refurbishing process includes taking the equipment apart; cleaning the unit as well as any parts that can be salvaged; replacing, repairing or upgrading damaged components; reassembling the equipment; and then doing touch ups or cosmetic enhancements. Ultrasonic cleaning is ideal for cleaning these parts prior to reassembly, thoroughly removing any oils, coolants, or sludge build up.

Ultrasonic cleaning is faster than conventional aqueous cleaning without damaging parts. Specifically, ultrasonic pre-treatment of parts allows for batch processing and removes polishing compounds without staining or reducing adhesion in parts to be electro-plated. Ultrasonic cleaning is perfect for degreasing tools and parts without manual scrubbing, capable of handling jobs that require both firm and gentle cleaning.

Before and After Results

Frequently Asked Questions

How long do I need to clean my components for?

Cleaning time varies depending on the performance of your ultrasonic bath and the level of contamination present. Different conditions (temperature, ultrasonic power, detergent and detergent dose) will all have an effect on the length of time required to clean a component.

How much can I load into my ultrasonic cleaner?

The more instruments placed into an ultrasonic bath, the less effective the cleaning cycle will be. It is not advisable to place instruments in the basket so that they overlap as a more effective clean will be generated if all surface areas are openly exposed to the cleaning solution. However, filling a basket so that there is clear space between instruments should lead to an effective cleaning cycle.

Should the lid be on my ultrasonic cleaner when in operation?

The lid should be kept on the ultrasonic cleaner while in operation. The lid protects the operator and in medical applications, patients as well. It prevents aerosols generated during the cavitation process from dispersing and contaminating the reprocessing environment. In addition, the lid reduces noise levels created during the ultrasonic cycle and helps maintain the heat of the cleaning fluid in the tank.



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