

## 36gallon Jp-360st Industrial Ultrasonic Cleaner Machine

Our Product Introduction

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### Basic Information

- Certification: CE, RoHS
- Minimum Order Quantity: 1
- Price: 1800



### Product Specification

- Model Number: JP-360ST
- Cleaning Media: Wet Cleaning
- Material: Stainless Steel SUS304
- Frequency: 28kHz Or 40kHz
- Capacity: 135 Liters
- Transducer Count: 36 Pieces
- Ultrasonic Power: 1800W
- Heating Power: 3000W
- Dimensions: 600\*500\*450 Mm
- Tank Thickness: 2.5 Mm
- Timer Range: 1s-99 Hours
- Heater Range: 20-95°C
- Drain Valve: 1 Inch
- Machine Voltage: 380V/3 Phase
- Generator Voltage: 2 Sets



### More Images



## Product Description

### 36 Gallon JP-360ST Industrial Ultrasonic Cleaner Machine

Professional industrial-grade ultrasonic cleaning machine constructed from durable Stainless Steel 304, designed for aircraft maintenance and industrial applications.



### 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	380V/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 Cleaner Works

Electrical energy is converted into mechanical vibrations through specialized transducers. These vibrations transfer into the fluid through stainless steel walls, creating microscopic vacuum bubbles that cause consecutive implosions (cavitation). The resulting high-energy jets efficiently remove dirt from surfaces and materials placed in the cleaning bath.

Industrial ultrasonic cleaners play a vital role in equipment refurbishing processes. This involves disassembling equipment, cleaning the unit and salvageable parts, replacing or repairing damaged components, reassembling the equipment, and performing cosmetic enhancements. Ultrasonic cleaning is ideal for pre-reassembly part cleaning, thoroughly removing oils, coolants, and sludge buildup.

Ultrasonic cleaning is faster than conventional aqueous cleaning without damaging parts. It enables batch processing and removes polishing compounds without staining or reducing adhesion in parts destined for electro-plating. This method is perfect for degreasing tools and parts

without manual scrubbing, capable of handling both firm and gentle cleaning requirements.

## Before and After Results

  

## Frequently Asked Questions

### How long do I need to clean my components for?

Cleaning time varies depending on ultrasonic bath performance and contamination level. Different conditions including temperature, ultrasonic power, detergent type, and dosage all affect required cleaning duration.

### How much can I load into my ultrasonic cleaner?

Overloading reduces cleaning effectiveness. Avoid overlapping instruments in the basket to ensure all surface areas are openly exposed to the cleaning solution. Maintain clear space between instruments for optimal cleaning results.

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

Yes, keep the lid on during operation. The lid protects operators and patients in medical applications by preventing aerosol dispersion and environmental contamination. It also reduces operational noise levels and helps maintain cleaning fluid temperature.



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