

## Large Tank Industrial Ultrasonic Cleaner for Engine Block Cleaning

Our Product Introduction

for more products please visit us on [skymenultrasonic.com](http://skymenultrasonic.com)

### Basic Information

- Certification: CE, RoHS, FC
- Minimum Order Quantity: 1
- Price: 5000



### Product Specification

- Model Number: JP-1144ST
- Power Supply: AC380V 50Hz, 240V 60Hz 3phase
- Tank Size: 1200\*1000\*800mm
- Frequency: 28/40kHz
- Tank Material: Stainless Steel SUS304/SUS 316
- Heating Power: 18kw
- Tank Capacity: 960L
- Ultrasonic Power: 7.2kw
- Heater Range: 20-95°C Adjustable
- Timer Range: 1-99 Hours Adjustable
- Transducer Count: 144pcs
- Generator Count: 4pcs
- Unit Size: 1500x1300x1250mm
- Packing Size: 1580x1380x1380mm Wooden Case
- Material: SUS304



### More Images



## Product Description

### Large Tank Industrial Ultrasonic Cleaner for Engine Block Cleaning

#### Skymen 960L Capacity Single Tank Industrial Ultrasonic Cleaner JP-1144ST

  

#### Technical Specifications

Ultrasonic Frequency	28KHz/40KHz
Material	Stainless Steel SUS304
Tank Capacity	960 Liter
Transducer	144pcs
Timer	1-99 Hours adjustable
Heater	20°C to 95°C adjustable
Power Supply	AC380V, 3 phase/60Hz AC220V, 3 phase/60Hz
Heating Power	27000W
Ultrasonic Power	7200W
Generator	4pcs
Tank Size (LxWxH)	1200x1000x800mm
Unit Size	1500x1300x1250mm
Packing Size	1580x1380x1380mm Wooden case
Warranty	1 year

#### Model Comparison - Single Tank Power Heater Adjustable Series

Please choose the size that fits your needs, or contact us for professional suggestions:

Model	JP-360ST	JP-480ST	JP-600ST	JP-720ST	JP-1108ST	JP-1144ST
Capacity (L)	135	175	264	360	540	<b>960</b>
Tank Size (MM)	600*500*450	700*500*500	800*600*550	1000*600*600	1000*900*600	<b>1200*1000*800</b>
Packing Size (MM)	870*760*805	980*755*800	1080*860*935	1270*870*985	1300*1200*1050	<b>1500*1300*1250</b>
Frequency (KHz)	28/40					
Ultrasonic Power (W)	0-1800	0-2400	0-3000	0-3600	0-5400	<b>0-7200</b>
Heating Power (W)	4500	6000	6000	9000	18000	<b>27000</b>
Timer	1-99 hour					
Heater (°C)	20-95					
Material	SUS304					

All models feature power adjustable digital control panel for easy operation, with castors and brake for easy mobility.

#### Key Features

- Stainless steel tank with excellent wear resistance and long working life
- Large 960-liter tank capacity for industrial applications
- Includes stainless steel basket for convenient part handling
- Compatible with tap water, industrial alcohol, and solvent cleaners for various cleaning requirements

Industrial control chip microcontroller with flexible circuit boards for secure and stable operation

Equipped with drainage system, basket, lid, and multi-directional castors

High-quality Korean transducers

Independent R&D PCB board design and production by Skymen

Suitable for cleaning cast iron, steel, stainless steel, brass, bronze and other materials

## Ultrasonic Cleaning Advantages

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### Superior Cleaning Performance

Compared to traditional cleaning methods, ultrasonic cleaners effectively remove dirt, oils, lubricants, carbon, and other types of grime that build up on objects. Grooves, internal passageways, hidden corners, seals, and other hard-to-reach areas are cleaned easily, eliminating hours of disassembling and reassembling complex parts.

### Cost and Labor Savings

Ultrasonic cleaning saves time and reduces labor costs while being completely safe for your objects.

### How Ultrasonic Cleaning Works

Cavitation, the collapse of millions of tiny bubbles created by ultrasonic vibrations, 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. Because the liquid can penetrate into very small crevices, ultrasonic cleaning can clean intricate items that cannot be cleaned by hand.

## Industrial Applications

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Electronic factories, utensil manufacturing, hardware, machinery, communication equipment, biological instruments, medical instruments, glasses, optical components, textile equipment, auto parts, ships, aviation, mining areas, commercial cleaning.

Kitchen industry, medical industry, electronic factory, molding factory, car workshop, diesel workshop, car industry, scientific laboratory, university, dental clinics, eyeglass shop, hardware tools shop.

## Warranty & Support

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1 Year warranty for Skymen ultrasonic cleaner. If any technical problem occurs during warranty period, replacement parts will be sent free of charge. Technical support is also available after 1 year.

## Packaging

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## Cleaning Results

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## Frequently Asked Questions

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### Q: What frequency is better for my parts?

A: Frequency selection is based on the type of pollutants on your objects. 28kHz frequency is stronger and better for car/motor/truck parts cleaning (removing oils, grease, pastes, etc.). 40kHz is better for PCB boards, electronic parts, and higher precision goods. Higher precision typically requires higher frequency.

### Q: Can ultrasonic cleaning damage parts?

A: Although the effect of thousands of implosions per second is very powerful, the cleaning process is safe and will not damage your objects.

### Q: What cleaning solution should I use?

A: A large variety of different formulas are designed for specific applications. Proper selection is crucial for acceptable cleaning activity and to prevent unwanted reactions with the workpiece.

### Q: Is rinsing required after cleaning cycles?

A: Rinsing is recommended to remove any chemical residue that could be harmful to the part. Parts can be rinsed right in your ultrasonic cleaner or in a clean water bath, or in a separate sink using tap, distilled, or deionized water.

## About Skymen Cleaning Equipment

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Skymen Cleaning Equipment Shenzhen Co., Ltd. has been engaged in the ultrasonic cleaner field for more than 10 years. Our main products are ultrasonic cleaners with different capacities. Our company is a famous ultrasonic manufacturer with comprehensive R&D, production, and sales capabilities. High quality products and after-sales services are available from us. Not only standard ultrasonic cleaners, but any non-standard requirements can be designed by our engineers.



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