

## Large Tank Capacity Industrial Ultrasonic Cleaner

### Basic Information

- Certification: CE, RoHS, FC
- Minimum Order Quantity: 1
- Price: 3700



### Product Specification

- Model NO.: JP-1108ST
- Power Supply: AC380V 50Hz, 240V 60Hz 3phase
- Tank Size: 1000\*900\*600mm
- Frequency: 28/40kHz
- Tank Material: Stainless Steel SUS304/SUS 316
- Heating Power: 18kw
- Tank Capacity: 540L
- Ultrasonic Power: 5.4kw
- Heater: 20-95°C Adjustable
- Timer: 1-99 Hours Adjustable
- Transducer: 108pcs
- Max Power: 23400W
- Inlet Pipe: Diameter 1.2 Inch
- Drain Value: Diameter 1.2 Inch
- All Direction Wheel: Diameter 65mm



### More Images



## Product Description

### Skymen 540L Capacity Industrial Ultrasonic Cleaner JP-1108ST

### Technical Specifications

Specification	Details
Ultrasonic Frequency	28KHz/40KHz
Material	Stainless Steel SUS304
Tank Capacity	540 Liter
Transducer	108pcs
Timer	1-99 Hours adjustable
Heater	20°C to 95°C adjustable
Power Supply	AC380V, 3 phase/50Hz
Heating Power	18000W
Ultrasonic Power	5400W
Max Power	23400W
Inlet Pipe	Diameter 1.2 inch
Drain Value	Diameter 1.2 inch
All Direction Wheel	Diameter 65mm
Current Lead	3m
Generator	2pcs
Tank Size (LxWxH)	1000x900x600mm
Unit Size	1300x1200x1100mm
Packing Size	1370x1270x1225mm Wooden case
NW/GW	210KG/217KG
Warranty	1 year

### Available Models - Single Tank Power Heater Adjustable Series

Please choose the size that fits your requirements, 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	960
Tank Size (MM)	600*500*450	700*500*500	800*600*550	1000*600*600	1000*900*600	1200*1000*800
Packing Size (MM)	870*760*805	980*755*800	1080*860*935	1270*870*985	1300*1200*1050	1500*1300*1250
Frequency (KHz)	28/40					
Ultrasonic Power (W)	0-1800	0-2400	0-3000	0-3600	0-5400	0-7200
Heating Power (W)	4500	6000	6000	9000	18000	27000
Timer	1-99 hour					
Heater (°C)	20-95					

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

## Key Features

- Stainless steel tank with excellent wear resistance and long working life
- Large 540-liter tank capacity
- Includes stainless steel basket for organized cleaning
- 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
- Complete package includes drainage system, basket, lid, and multi-direction castors
- High-quality Korean technique transducers
- Independent R&D and production of PCB boards by Skymen
- Suitable for cleaning cast iron, steel, stainless steel, brass, bronze, and various metals

## Ultrasonic Cleaning Technology Benefits

### 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.

### Cavitation Technology

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 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.

### Operational Advantages

No damage to objects during cleaning process. Significant savings in cost and labor compared to manual cleaning methods.

## Industrial Applications

Electronic factories, utensil manufacturing, hardware production, machinery maintenance, communication equipment, biological research, medical instruments, glasses and optical equipment, textile industry, auto parts, ships, aviation, mining areas, commercial cleaning services.

Specific industries: Kitchen equipment, medical industry, electronic manufacturing, molding factories, car workshops, diesel workshops, automotive industry, scientific laboratories, universities, dental clinics, eyeglass shops, hardware tools shops.

## Warranty & Support

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

## Packaging

## Cleaning Results

## Frequently Asked Questions

### What frequency is better for my parts?

Frequency selection is based on the type of pollutants on your objects. 28kHz frequency provides stronger cleaning action, making it 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.

### Can ultrasonic cleaning damage parts?

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

used properly.

#### What cleaning solution should I use?

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

#### Is rinsing required after cleaning cycles?

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

#### About Skymen Cleaning Equipment Shenzhen Co., Ltd.

With over 10 years of experience in the ultrasonic cleaner field, Skymen is a leading manufacturer specializing in ultrasonic cleaning equipment. Our comprehensive product range includes ultrasonic cleaners with various capacities to meet diverse industrial needs.

As a renowned ultrasonic manufacturer, we integrate research and development, production, and sales operations. We provide high-quality products and comprehensive after-sales services to ensure customer satisfaction.

In addition to our standard ultrasonic cleaner models, our engineering team can design and produce custom non-standard solutions to meet specific customer requirements.



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