

1500L Industrial Ultrasonic Cleaner 28/40kHz for Metal Parts

Our Product Introduction

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Basic Information

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



Product Specification

- Model NO.: JP-1216ST
- Power Supply: AC380V 50Hz, 240V 60Hz 3phase
- Frequency: 28/40kHz Single Or Dual Frequency
- Tank Material: Stainless Steel SUS304/SUS 316
- Heater: 20-95°C Adjustable
- Timer: 1-99 Hours Adjustable
- Ultrasonic Packs: Separately, Changeable
- Tank Capacity: 1500L
- Ultrasonic Power: 10800W
- Heating Power: 36000W
- Generator Power: 1800W
- Basket Load: 500KG
- Tank Thickness: 3mm
- Inner Tank Dimension: 2000*1200*800mm
- Transducer Quantity: 216pcs



More Images



Product Description

Large Industrial Ultrasonic Cleaning Machine 1500L for Parts

Large Industrial Ultrasonic Cleaning Machine for Mechanical Parts Metal Parts 1500L 2000L 4000L 5000L 6000L 8000L 10000L 15000L 20000L Air Cooler Washing Clean

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

Detailed Specifications

Model	JP-1288ST
Parameter	Function: Ultrasonic cleaning
	Ultrasonic Frequency: 28/40kHz (other frequency can be customized)
	Tank Material: SUS 304 (SUS 316 can be customized)
	Thickness of tank: 3mm
	Inner tank dimension: 2000*1200*800mm
	Tank Capacity: 1500L
	Transducer: 216pcs
	Ultrasonic Power: 10800W
	Heating Power: 36000W
	Time setting of Ultrasonic: 0~99 hours
	Temperature setting: Room temperature ~ 95°C adjustable
	Drain value: Available
Packing	Overall size: 240*140*170cm Packing size: 250*150*190cm Packing detail: By wooden case (No logs, free of fumigation) N.W/G.W: 500KG/600KG
Power supply	380V 3 phase; 220V 3 phase; 415V; 440V; 600V
Warranty	1 year warranty for spare parts, lifetime technical support
Certificate	CE, RoHS; FCC, REACH
Lead time	20~30 working days after deposit

Optional Functions

Filtration cycle system	Available; capture dirty water, recycle clean water
Lifting system for basket	Available; take the basket up and down
Dunking system	Available; Speed up cleaning
Bubbling	Available; need to connect air compressor
Electrolysis	Available; For cleaning more complex structure mold
Cooling system	Available; To cool down inflammable and explosive
Constant temperature	Available
Roller barrel	Available; for clean coins and big quantity parts

Anti-explosion electric box	Available
Deionized(DI) water	Available
Double/Multi frequency	Available; 28/40/20/68/80/132KHz
Other functions	Negotiate via email

More Size and Capacity Options

Key Features

- Stainless steel tank has resistance to wear and long work life
- Tank capacity: customizable to demand
- Includes stainless steel basket
- Works with tap water, or industrial alcohol and solvent cleaner for higher cleaning requirements
- Industrial control chip microcontroller with flexible circuit boards control for secure & stable operation
- Includes drainage, basket, lid and multi-direction castors
- Transducer: Korean technology
- PCB board is independently researched and developed by Skymen
- Suitable for cleaning cast iron, steel, stainless steel, brass, bronze

Benefits of Ultrasonic Cleaning

Compared with traditional methods, ultrasonic cleaning effectively removes 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.

Key advantages: No harm to objects, significant cost and labor savings.

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.

Applications

Electronic factories, utensil manufacturing, hardware production, machinery, communication equipment, biological and medical instruments, glasses, optical components, textile industry, 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

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.

Cleaning Results

Frequently Asked Questions

Q: What frequency is better for my parts?

A: Frequency is suggested based on pollutants in the objects. 28kHz frequency is stronger, better for car/motor/truck parts cleaning (remove oils, grease, pastes, etc.). 40kHz is better for PCB boards, electronic parts. Higher precision goods require 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. No damage to your daily objects.

Q: What cleaning solution should I use?

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

Q: Is rinsing after cleaning cycles necessary?

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

Skymen Cleaning Equipment Shenzhen Co., Ltd. has been engaged in ultrasonic cleaner field for more than 14 years. Our main products are ultrasonic cleaners with different capacities.

Our company is a famous ultrasonic manufacturer with R&D, production and sales. High quality products and after-sales services are available from us. Not only standard ultrasonic cleaners, any non-standard models can be designed by our engineers.



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