



Industrial Ultrasonic Cleaner 1500L 2000L 4000L Stainless Steel Tank

Our Product Introduction

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Basic Information

- Certification: CE, RoHS, FC
- Minimum Order Quantity: 1
- Price: 1999



Product Specification

- Model NO.: JP-1216-11512ST
- 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
- Basket Load: 500KG
- Tank Thickness: 3mm
- Inner Tank Dimension: 2000*1200*800mm
- Generator Power: 1800W
- Transducer Count: 216pcs



More Images



Product Description

Large Industrial Ultrasonic Cleaning Machine

Professional-grade ultrasonic cleaning solution for mechanical and metal parts with capacities ranging from 1500L to 20000L. Features air cooler washing system for efficient cleaning performance.

Product Specifications

Model	JP-1288ST
Function	Ultrasonic cleaning
Ultrasonic Frequency	28/40kHz (customizable)
Tank Material	SUS 304 (SUS 316 customizable)
Thickness of tank	3mm
Inner tank dimension	2000×1200×800mm
Tank Capacity	1500L
Transducer	216pcs (Korean technology)
Ultrasonic Power	10800W
Heating Power	36000W
Temperature Range	Room temperature ~ 95°C adjustable
Basket Load Capacity	500KG
Power Supply	380V 3 phase; 220V 3 phase; 415V; 440V; 600V
Warranty	1 year warranty for spare parts, lifetime technical support
Certifications	CE, RoHS, FCC, REACH
Lead Time	20-30 working days after deposit

Optional Features

- Filtration cycle system
- Lifting system for basket
- Dunking system
- Bubbling system (requires air compressor)
- Electrolysis for complex molds
- Cooling system for inflammable materials
- Constant temperature control
- Roller barrel for coins and small parts
- Anti-explosion electric box
- Deionized (DI) water system
- Double/Multi frequency options (28/40/20/68/80/132KHz)

Please choose the size that fits your needs or contact us for professional recommendations

Key Features

- Stainless steel tank with excellent wear resistance and long service life
- Customizable tank capacity to meet specific requirements
- Includes stainless steel basket for easy part handling
- Works with tap water or industrial solvents for higher cleaning requirements
- Industrial-grade control chip and flexible circuit boards for secure, stable operation
- Includes drainage system, lid, and multi-directional castors
- Skymen-designed PCB board for reliable performance
- Effective for cleaning cast iron, steel, stainless steel, brass, bronze and other metals

Ultrasonic Cleaning Advantages

Ultrasonic cleaning effectively removes dirt, oils, lubricants, carbon, and other contaminants that accumulate on industrial parts. The technology reaches into grooves, internal passageways, hidden corners, seals, and other hard-to-access areas, eliminating hours of manual disassembly and reassembly.

The cavitation process creates millions of tiny bubbles that implode, releasing energy that gently but thoroughly cleans all surfaces in contact with the cleaning fluid. This method is non-damaging to parts while significantly reducing labor costs and cleaning time.

Applications

Ideal for use in:

- Electronic manufacturing
- Hardware and machinery production
- Automotive and diesel workshops
- Medical instrument cleaning
- Optical and glass manufacturing
- Aviation and shipbuilding
- Mining equipment maintenance
- Scientific laboratories and universities
- Dental clinics and eyeglass shops

Frequently Asked Questions

What frequency is better for my parts?

28kHz provides stronger cleaning action, ideal for automotive/marine parts (oils, grease removal). 40kHz is better for delicate items like PCBs and electronics. Higher precision components may require higher frequencies.

Can ultrasonic cleaning damage parts?

The cleaning process is completely safe and will not damage properly treated parts. The cavitation action is powerful yet gentle on materials.

What cleaning solution should I use?

We offer various cleaning formulas designed for specific applications. Proper selection is crucial for optimal cleaning and to prevent unwanted reactions with workpieces.

Is rinsing required after cleaning cycles?

Rinsing is recommended to remove any chemical residue. This can be done in the ultrasonic cleaner, a clean water bath, or with tap/distilled water.

About Skymen

Skymen Cleaning Equipment Shenzhen Co., Ltd. has specialized in ultrasonic cleaning technology for over 14 years. We offer high-quality products with comprehensive after-sales support, including both standard and custom-designed cleaning solutions.



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