



8500L Ultrasonic Cleaner for Heat Exchanger 28kHz 40kHz

Our Product Introduction

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Basic Information

- Certification: CE, RoHS, FCC
- Minimum Order Quantity: 1
- Price: 38000

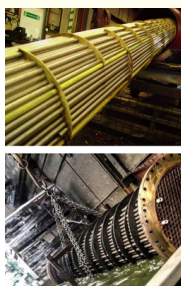


Product Specification

- Model NO.: JP-11152ST
- Frequency: 40kHz/28kHz
- Power: 0-57600W
- Heating Power: 69000W
- Net Weight: 5000kg
- Gross Weight: 5300kg
- Capacity: 8300L
- Tank Size: 2500*2000*1700mm
- Unit Size: 300*250*240cm
- Package Size: 310*260*250cm
- Material: Stainless Steel SUS304
- Tank Thickness: 3mm
- Transducer Count: 1152pcs
- Temperature Range: Room Temperature ~ 95°C
- Basket Load: 2000KG



More Images



Product Description

8500L Ultrasonic Cleaning Machine For Plate Heat Exchanger (SUS304 Material)

This industrial ultrasonic cleaning machine is specifically designed for [metal heat exchanger](#) cleaning. After metal bars are extruded into wire, the outer surface often retains carbonized film and oil residues that are difficult to remove through conventional methods. Our ultrasonic cleaning solution provides an efficient alternative to acid cleaning and other traditional approaches.

The system features a continuous wire-cutting and high-efficiency cleaning design, with a rough washing section composed of cleaning liquid storage tank, transducers, circulation pump, filter, and piping system. The complete process includes ultrasonic washing followed by blow drying.

This equipment is widely used for various wire types including silk, tungsten, molybdenum, and copper wires (prior to insulating paint coating). The integrated control system ensures simple, convenient, and effective operation.

Industrial ultrasonic cleaner for heat exchangers

Close-up of ultrasonic cleaning tank

Ultrasonic cleaning machine controls

Heat exchanger being cleaned in ultrasonic tank

Technical Specifications

Model	JP-11152ST
Parameter	Function: Ultrasonic cleaning Frequency: 28/40kHz (customizable) Tank Material: SUS 304 (SUS 316 optional) Tank Thickness: 3mm Dimensions: 2500×2000×1700mm Capacity: 8500L Transducers: 1152pcs Ultrasonic Power: 57600W Heating Power: 69000W Timer: 0-99 hours Temperature Range: Room temp to 95°C Drain/Water Connections: Standard Generator: 32 sets (1800W each) Basket Load Capacity: 2000KG
Packing	Overall Size: 300×250×240cm Packed Size: 310×260×250cm Packing: Wooden case (fumigation-free) Weight: N.W 5000KG / G.W 5300KG
Power Supply	380V 3 phase; 220V 3 phase; 415V; 600V
Warranty	1 year parts warranty with lifetime technical support
Certifications	CE, RoHS, FCC, REACH
Lead Time	20-30 working days after deposit

Optional Features

- Filtration cycle system (captures dirty water, recycles clean water)
- Basket lifting system
- Dunking system for accelerated cleaning
- Bubbling system (requires air compressor)
- Electrolysis for complex molds
- Cooling system for flammable materials
- Constant temperature control
- Roller barrel for coins/quantity parts
- Anti-explosion electric box
- Deionized water system
- Multi-frequency options (28/40/20/68/80/132KHz)

Ultrasonic cleaning machine operation

Industrial ultrasonic cleaning system

Heat exchanger cleaning process

Ultrasonic cleaning machine components

Large capacity ultrasonic cleaning tank

Industrial cleaning equipment

Cleaning Process

For parts with significant dirt accumulation, we recommend pre-cleaning through dipping or spraying to remove most contaminants before ultrasonic treatment. Small items or complex-shaped parts benefit from using a cleaning net or rotating during ultrasonic exposure to ensure even cleaning distribution.

Packing and delivery of ultrasonic cleaner

Manufacturer Profile

Skymen Cleaning Equipment Shenzhen Co. Ltd. specializes in ultrasonic cleaning technology with over 13 years of industry experience. Our product range includes household, benchtop, and industrial-scale ultrasonic cleaners, as well as immersible transducer systems. Our dedicated engineering team focuses on research and development while collaborating with customers to develop customized solutions.

Skymen Cleaning Equipment facility

Frequently Asked Questions

What after-sales services do you provide?

We offer a 12-month warranty on all SKYMEN ultrasonic cleaners. During this period, we provide free replacement parts and technical support. Continued technical assistance is available after the warranty period.

What are the advantages of ultrasonic cleaning?

- Reduces manual labor requirements
- Enables cleaning and degreasing without organic solvents
- Reaches all product surfaces to remove various contaminants
- Accelerates processes like extraction, dispersion, and purification
- Eliminates need for mechanical/chemical heat exchanger cleaning

Can ultrasonic cleaning damage parts?

Ultrasonic cleaning is generally safe for most components. The powerful implosion effect (thousands per second) effectively cleans while maintaining part integrity. For sensitive items, we recommend careful observation during initial cleaning cycles.



Skymen Technology Corporation Limited



86-755-27094405



info@skymen.cc



skymenultrasonic.com

Floor 1st & 2nd, Building 3, Tanggang Taifeng Industrial Park, Dawangshan Community, Shajing Street, Bao'an District, Shenzhen