

Industrial Heating Exchanger Ultrasonic Cleaner

Basic Information

- Certification: CE, RoHS, SGS
- Minimum Order Quantity: 1
- Price: 2850



Product Specification

- Model NO.: JP-600ST
- Heater: 0-95c Adjustable
- Ultrasonic Power: 3000W
- Tank Size: 800*600*550mm
- Frequency: 28/40 KHz
- Capacity: 264L
- Fuel: Electric
- Timer: 0-99h Adjustable
- Transducer: 60PCS
- Voltage: AC 380V 3 Phase
- Generator: 2PCS
- Heating Power: 6000W
- Material: Metal
- Production Capacity: 1000/Month
- Tank Material: SUS304/SUS316L



More Images



Product Description

Industrial Heat Exchanger Ultrasonic Cleaner

SKYMEN Auto Parts Ultrasonic Cleaning Machine

How Ultrasonic Cleaning Technology Works

The ultrasonic cleaning process converts sound energy into mechanical vibration. Ultrasound radiates through the cleaning solution via the cleaning cell wall, causing micro-bubbles in the liquid to vibrate continuously under sound wave influence. When sound pressure or intensity reaches a specific threshold, these bubbles rapidly expand and suddenly collapse. This cavitation process generates instantaneous shock waves, producing pressures of 10^{12} - 10^{13} Pa and high temperatures around the bubbles. The tremendous pressure created by ultrasonic cavitation effectively separates insoluble contaminants and disperses them into the liquid solution. Steam-type cavitation directly and repeatedly impacts dirt particles for thorough cleaning.

Customization Options & Service Details

- Tank size and additional functions available for custom manufacturing
- Customer logo application accepted
- Secure wooden case packaging
- Lead time negotiable based on quantity and custom requirements

We look forward to serving your industrial cleaning needs.

Product Specification Guide

Please provide your automotive parts dimensions, or select from our standard tank sizes:

Model: Skymen™	JP-120ST	JP-180ST	JP-240ST	JP-300ST	JP-360ST	JP-720ST
Tank Working Dimension (mm)	355×305×355	406×305×460	500×355×500	500×406×500	500×460×550	1000×600×600
Overall Dimension (mm)	535×485×750	586×485×680	680×535×720	710×586×720	710×640×770	1210×780×720
Tank Total Capacity	38L	56L	88L	101L	126L	360L
Tank Material	SUS304/SUS316L					
In-Tank Surface Finishing	Hard-Cr Plating Treatment (20+ microns)					
Housing Material	SUS 304/SUS316L					
Ultrasonic Frequency*	28kHz / 40kHz					
Ultrasonic Transducer	12	18	24	30	36	72
Ultrasonic Output Power (Max.)	600W	900W	1200W	1500W	1800W	3600W
Electronic Generator	KG600	KG900	KG1200	KG1500	KG1800	KG3600
Generator Configuration	Build-in			Separate		
Heater's (Hot Plate) Power	1.5kW	3kW	4.5kW	9KW		
Cleaning Tank Power Requirement	AC 220V/240V, 1, 15AMP			AC 220V/240V, 1, 25AMP		
Generator Power Requirement	----			AC 220V/240V, 1, 13AMP		

New Product Availability: 68kHz / 80kHz / 120kHz frequencies also available



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