



Industrial Ultrasonic Cleaner with 2400 Liters Capacity 28kHz or 40kHz Frequency and 18000W Ultrasonic Power

Our Product Introduction

Basic Information

- Certification: CE, RoHS
- Minimum Order Quantity: 1
- Price: 3000



Product Specification

- Model NO.: JP-1360ST
- Cleaning Media: Wet Cleaning
- Cleaning Precision: Ultra-Precision Industrial Cleaning
- Material: Stainless Steel SUS304
- Frequency: 28kHz Or 40kHz
- Capacity: 2400 Liters
- Transducer Count: 360 Pieces
- Ultrasonic Power: 18000W
- Heat Power: 54000W
- Dimensions: 2000*1200*1000mm
- Tank Thickness: 3 Mm
- Timer Range: 1s-99 Hours
- Heater Range: 20-95°C
- Drain Valve: 1 Inch
- Machine Voltage: 380V/3 Phase



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Product Description

Industrial Ultrasonic Cleaner for Petroleum Extraction Machine Cleaning

Stainless Steel 304 (OR SUS316) Professional Industrial with Big Capacity Ultrasonic Cleaning Machine

Technical Specifications

Model	JP-1360ST	JP-1432ST	JP-1576ST	JP-1648ST
Tank size (MM)	2000*1200*1000	2000*1500*1200	2500*1500*1200	3000*1500*1200
Tank capacity (L)	2400	3000	4500	5400
Transducers	360pcs	432pcs	576pcs	648pcs
Ultrasonic power (W)	18000	21600	28800	32400
Heating power (W)	54000	63000	63000	63000
Frequency	28K OR 40Khz			
Tank material	304 stainless steel			
Tank thickness	3 mm			
Timer	1s-99 hours			
Heater	20-95°C			
Drain valve	1 inch			
Basket & Lid	Yes			
Machine Voltage	380V/3 phase			
Features	With castor			
Packing	Carton			

How Ultrasonic Cleaner Works

Electrical energy is converted into mechanical vibrations thanks to special elaborated transducers. These vibrations are transferred into the fluid through the walls of stainless steel. This creates tiny microscopic vacuum bubbles, which cause consecutive implosions (cavitation). The high-energy jets that are thus created can efficiently remove dirt from surfaces and materials placed in the cleaning bath.

An industrial ultrasonic cleaner can have an important role in refurbishing equipment as well. The refurbishing process includes taking the equipment apart; cleaning the unit as well as any parts that can be salvaged; replacing, repairing or upgrading damaged components; reassembling the equipment; and then doing touch ups or cosmetic enhancements. An ultrasonic cleaner is ideal for cleaning these parts prior to reassembly, thoroughly removing any oils, coolants, or sludge build up.

Ultrasonic cleaning is faster than conventional aqueous cleaning without damaging the parts. Specifically, ultrasonic pre-treatment of parts allows for batch processing and removes polishing compounds, etc. without staining or reducing the adhesion in parts to be electro-plated. Ultrasonic cleaning is perfect for degreasing tools and parts without manual scrubbing, capable of handling jobs that require both firm and gentle cleaning. And in the process of refurbishing equipment, an ultrasonic cleaner is perfect for cleaning parts before the unit is reassembled.

Frequently Asked Questions

How long do I need to clean my components for?

Cleaning time varies depending on the performance of your ultrasonic bath and the level of contamination present. Different conditions (temperature, ultrasonic power, detergent and detergent dose) will all have an effect on the length of time required to clean a component.

How do you clean an oil extractor pump?

You need to clean the outer part of the oil extractor rubbing thoroughly with it. After that flow alcohol deeply through the internal systems of

the oil extractor and the hoses. Alcohol would dissolve those substances that water, even hot water cannot remove. Then, apply hot water.

How much can I load into my ultrasonic cleaner?

The more instruments placed into an ultrasonic bath, the less effective the cleaning cycle is going to be. It is not advisable to place instruments in the basket so that they overlap as a more effective clean will be generated if all surface areas are openly exposed to the cleaning solution. However, filling a basket so that there is clear space between instruments should lead to an effective cleaning cycle.

Should the lid be on my ultrasonic cleaner when in operation?

The lid should be kept on the ultrasonic cleaner while in operation. The lid is for the protection of the operator and in medical applications the patients also. It prevents aerosols generated during the cavitation process from dispersing and contaminating the reprocessing environment. In addition, the lid reduces the noise levels created during the ultrasonic cycle and helps to maintain the heat of the cleaning fluid in the tank.



SkyMen Technology Corporation Limited



+86 13528763370



sales3@skymen.cc



skymenultrasonic.com