

Powerful 2000L Double Tanks Washing Rinse Spray Bubbling Cleaning Custom Made Ultrasonic Industrial Cleaner

Our Product Introduction

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Basic Information

- Certification: CE
- Minimum Order Quantity: 1
- Price: 12000



Product Specification

- Control: PLC
- Material: Stainless Steel SUS304/SUS316
- Power Supply: 110~240V
- Timer: 1~99 Hours
- Automation: Semi-automatic
- Temperature: Normal~95 Degree Celsius
- Each Tank Dimension: 1200*1000*800mm
- Ultrasonic Frequency: 40kHz/28kHz
- Cleaning Process: Ultrasonic Rinse/High Pressure Spray/Bubbling
- Detergent: Solvent Cleaning
- Production Capacity: 5000PCS/Month
- Tank Capacity: 960L
- Total Transducers: 288
- Ultrasonic Power: 7200W



More Images



Product Description

Sky men custom made Ultrasonic Industrial Cleaner

Sky men custom made double tanks washing rinse spray bubbling Cleaning

Ultrasonic cleaning:

Ultrasonic cleaning is a method based on high-frequency sound waves which when traveling into a solution, create oscillating high and low pressure and consequently, cause the rapid formation and imploding bubbles radiate tremendous amounts of ultrasonic energy and shock waves that penetrate into minute crevices to take off dirt or contaminants in a highly effective way.

What is Spray tank?

The high-pressure spray washer consists of an electronically controlled high-pressure pump reservoir. The high-pressure spray washer easy operate, fast and high performance.

1. Spray tank: SUS304L high-grade stainless steel cleaning liquid storage tank, high-pressure water pump, chemical pump, pipeline pump. Can work continuously for a long time, built-in safety heating system, adjustable temperature control system, safety and easy operation.

(1) Batch continuous automatic operation.

(2) Suitable for simple structure and tube product cleaning.

(3) Zinc-plated and stainless steel tanks can be used, with PU spray pipes inside, circulating channels. The whole machine is a fully enclosed structure made of stainless steel or (square-pass) skeleton welded. The upper part of the washing machine adopts a single-layer structure and is made of 1.2mm thick stainless steel plate with an insulating layer outside to reduce energy consumption.

The liquid tank adopts a single-layer structure and is made of SUS304 stainless steel 2.0mm thick stainless steel plate. The interior is divided into several areas with a partition plate to achieve the filtration of the cleaning solution, the deposition of iron filings, oil filtering, and oil separation; Water inlet, liquid outlet, overflow outlet. The bottom is inclined on both sides to the middle, and the cleaning liquid is discharged from the drain port at the bottom of the tank.

What is bubbling cleaning?

1. high-pressure fan (compressed air) in the pool to produce air bubbles, so that the pool of water move quickly, to achieve the purpose of rolling products, speed up stripping off of contaminants from surface of the workpiece, which is generally used in the rinse tank, can be achieved Accelerated stripping of the surface of the workpiece.

Sky men double tanks ultrasound cleaner machine, sky men make multi stage unit for improving ultrasonic cleaning to reach perfect cleaning result, design for commercial industry use. The rinsing tanks following ultrasonic tank and dryer tanks to dryer after rinsing, such as for tank capacity of 50L, 100L, 150L, 200L, 360L, 540L, 960L, or even bigger tank. Multi tanks with different functions by each unit work together to approach maximum cleaning efficiency.

For double tanks ultrasound cleaner: 1st ultrasonic cleaning tank 2ND rinsing tank/drier tank after rinsing (or add a second rinsing tank for thorough rinsing) optional for extra rinse tank and dryer tank

Specification details as follows:

Model	Tank inner size (L x W x H mm)	Capacity each tank	Total Transducers	Each tank Transducers	Ultrasonic power	Heating power	Max. power	Timer (h)	Heater °C
JP-2024G	500*300*250	38L	24	12	1200W	1.5KW*2	4.57KW	1-99	20-95
JP-2036G	500*350*300	53L	36	18	1800W	1.5KW*2	5.17KW	1-99	20-95
JP-2048G	550*400*350	77L	48	24	2400W	3KW*2	8.77KW	1-99	20-95
JP-2060G	550*450*400	99L	60	30	3000W	4.5KW*2	12.37KW	1-99	20-95
JP-2061G	800*300*400	96L	60	30	3000W	4.5kw*2	12.37KW	1-99	20-95
JP-2072G	600*500*450	135L	72	36	3600W	4.5KW*2	12.97KW	1-99	20-95
JP-2096G	700*500*500	175L	96	48	4800W	6KW*2	17.17KW	1-99	20-95
JP-2120G	800*600*550	264L	120	60	6000W	9KW*2	24.37KW	1-99	20-95

JP-2144G	1000*600*600	360L	144	72	7200W	12KW*2	31.57KW	1-99	20-95
JP-2216G	1000*900*600	540L	216	108	5400	18KW*2	41.77KW	1-99	20-95
JP-2288G	1200*900*800	960L	288	144	7200	27KW*2	61.57KW	1-99	20-95

1st ultrasonic tank: Installed with ultrasonic cleaning transducers to operate cleaning process by ultrasonic transducer vibration.

2ND rinsing tank: It has a continues supply of water by supplying water from the bottom, and dirty liquid flow away from the surface of the liquid. Another point is, if the parts have high requirement of surface cleaning efficiency, our Customers will add second rinsing tank to achieve thorough cleaning result. The second rinsing tank don't fix transducers so it's cheap. So that's four-tank machine.

Optionl for:

3RD Dryer tank: It has heater and hot-air circulation system. Usually one dryer tank take 8~10min to dry parts. The heated air generated by motor circulated to dry the parts. The heating temperature is adjustable(room temperature~300c). You can adjust temperature when drying plastic parts and usually not affected.

Specification:

Skyemen can also make 3 tanks, 4 tanks, 5 tanks big ultrasonic cleaner machine, and fully automatic ultrasonic cleaning machine.

Cleaning effect:

Application:

Industry	Cleaning objects
jewelry	Jewelry, diamond, gold, silver products,
machinery	Moulds, precision parts, pressing parts, camera parts, bearing, hardware tools
electronics	PCB board, electronic parts, TV parts, computer parts
Auto industry	engine parts, gear box, shock absorber, auto nozzle, cylinder, valve
Dental& Medical	dental tools, medical tools, injector, surgery tools, dropper, glass container
Plating& painting	polishing parts, SUS cutter, tableware, plating
Food industry	Oven tray, boiler, bottles, bottle cap, filters
Optical& watch maker	optical lens, eyeglass, sunglass, metal, gold, jewelry, diamond, watch band, watch cover, watch hand
textile	spinneret plate, rubber parts, plastic molds, toy
others	seal, flapper, coins, pottery, bank card, IGBT



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