



## 2000 Gallon Ultrasonic Cleaning Bath 28KHz For Large Condenser

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: SKYMEN
- Certification: CE, RoHs, FCC
- Model Number: JP-1936ST
- Minimum Order Quantity: 1
- Price: Negotiation
- Packaging Details: wooden case
- Delivery Time: In Stock
- Supply Ability: 100 pcs per month



#### Product Specification

- Tank Volume: 1923 Gallon
- Temperature Control: 20~95°C
- Time Setting: 0~99 Hours
- Generator: 26pcs
- Transducer: 936pcs
- Ultrasonic Power: 46800W
- Heating Power: 66000W
- Caster: Yes
- Highlight: 2000 Gallon Ultrasonic Cleaning Bath,  
Large Condenser Ultrasonic Cleaning Bath,  
28KHz Ultrasonic Cleaner Machine

## Product Description

### 2000 Gallon Ultrasonic Bath For Large Condenser With Heating Power 28KHz

#### Detailed Specification of this machine:

1	Model	JP-1923ST	
2	Parameter	Function	Ultrasonic cleaning
		Ultrasonic Frequency	28/40kHz (other frequency can be customized)
		Tank Material	SUS 304 (SUS 316 can be customized)
		Thickness of tank	3mm
		Inner tank dimension	3500*1600*1300mm
		Tank Capacity	7280L
		Transducer	936pcs
		Ultrasonic Power	46800W
		Heating Power	66000W
		Time setting of Ultrasonic	0~99 hours
		Temperature setting	Room temperature ~ 95°C adjustable
		Drain value	Available
		Water inlet/outlet	Available
		Generator	26 sets
		Generator power control	1800W
		Generator shelf	Available
		Basket	Available
		Basket load	2000KG
3	Packing	Overall size	390*200*200cm
		Packing size	400*210*210cm
		Packing detail	By wooden case(No logs, free of fumigation)
		N.W/G.W	4000KG/4300KG
4	Power supply	380V 3 phase; 220V 3 pahse; 415V; 600V	
5	Warranty	1 year warranty for spare parts, all life technical support	
6	Certificate	CE, RoHS; FCC, REACH	
7	Lead time	20~30 working days after deposit	
7	Optional functions	Filtration cycle system	Available; capture dirty water, recycle clean water
		Lifting system for basket	Available; take the basket up and down
		Dunking system	Available; Speed up cleaning
		Bubbling	Available; need to connect air compressor
		Electrolysis	Available; For cleaning more complex structure mold
		Cooling system	Available; To cool down inflammable and explosive
		Constant temperature	Available;
		Roller barrel	Available; for clean coins and big quantity parts
		Anti-explosion electric box	Available;
		Deionized(DI) water	Available
		Double/Multi frequency	Available; 28/40/20/68/80/132KHz
		Other funtions	Negotiate via email



Other size and capacity for reference:

Brand	Skymen		
Model	JP-1216ST		
Inner tank size	1500*1000*1000mm	Capacity	1500L
Transducer	216pcs	Ultrasonic power	0~10800W Adjustable
Frequency	28/40KHz	Heating power	36000W
Max power	46800W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-1288ST		
Inner tank size	2000*1200*800mm	Capacity	1920L
Transducer	288pcs	Ultrasonic power	0~14400W Adjustable
Frequency	28/40KHz	Heating power	45000W
Max power	59400W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-1360ST		
Inner tank size	2000*1200*1000mm	Capacity	2400L
Transducer	360pcs	Ultrasonic power	0~18000W Adjustable
Frequency	28/40KHz	Heating power	54000W
Max power	72000W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-1432ST		
Inner tank size	2000*1500*1200mm	Capacity	3000L
Transducer	432pcs	Ultrasonic power	0~21600W Adjustable
Frequency	28/40KHz	Heating power	63000W
Max power	84600W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-1576ST		
Inner tank size	2500*1500*1200mm	Capacity	4500L
Transducer	576pcs	Ultrasonic power	0~28800W Adjustable
Frequency	28/40KHz	Heating power	63000W
Max power	91800W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-1648ST		
Inner tank size	3000*1500*1200mm	Capacity	5400L
Transducer	648pcs	Ultrasonic power	0~32400W Adjustable
Frequency	28/40KHz	Heating power	63000W
Max power	95400W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		



Brand	Skymen		
Model	JP-1720ST		
Inner tank size	4000*1600*1000mm	Capacity	6400L
Transducer	720pcs	Ultrasonic power	0~36000W Adjustable
Frequency	28/40KHz	Heating power	66000W
Max power	102000W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-1936ST		
Inner tank size	3500*1600*1300mm	Capacity	7280L
Transducer	936pcs	Ultrasonic power	0~46800W Adjustable
Frequency	28/40KHz	Heating power	66000W
Max power	112800W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-11152ST		
Inner tank size	2500*2000*1700mm	Capacity	8500L
Transducer	1152pcs	Ultrasonic power	0~57600W Adjustable
Frequency	28/40KHz	Heating power	69000W
Max power	126600W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-11224ST		
Inner tank size	3200*2000*1500mm	Capacity	9600L
Transducer	1224pcs	Ultrasonic power	0~61200W Adjustable
Frequency	28/40KHz	Heating power	69000W
Max power	130200W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-11368ST		
Inner tank size	8000*1200*1200mm	Capacity	11520L
Transducer	1368pcs	Ultrasonic power	0~68400W Adjustable
Frequency	28/40KHz	Heating power	69000W
Max power	137400W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

Brand	Skymen		
Model	JP-11512ST		
Inner tank size	8000*1600*1600mm	Capacity	20480L
Transducer	1512pcs	Ultrasonic power	0~75600W Adjustable
Frequency	28/40KHz	Heating power	72000W
Max power	147600W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	SUS 304	Tank Thickness	3mm
Water inlet/outlet	Yes	Caster	Yes
Basket	Yes	Manual	Available
Warranty	1 Year, technical support always		
Application	Heat exchanger; Boiler; BBQ grills; Mold, Casting; etc.		
Available functions	Water filtration system; Lifting system for basket; Bubble system; Spraying, etc		

**Product show:**





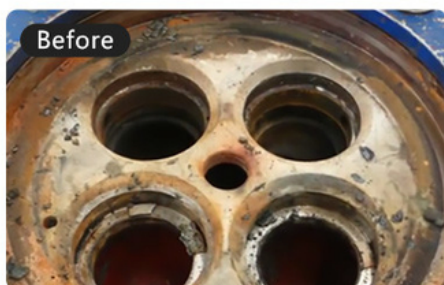
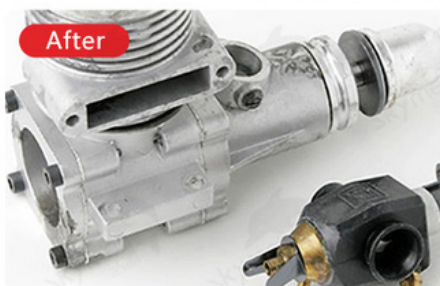
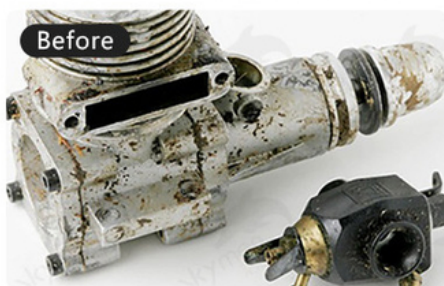
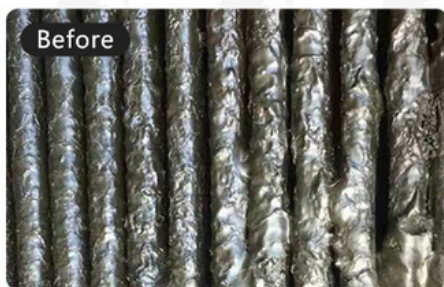


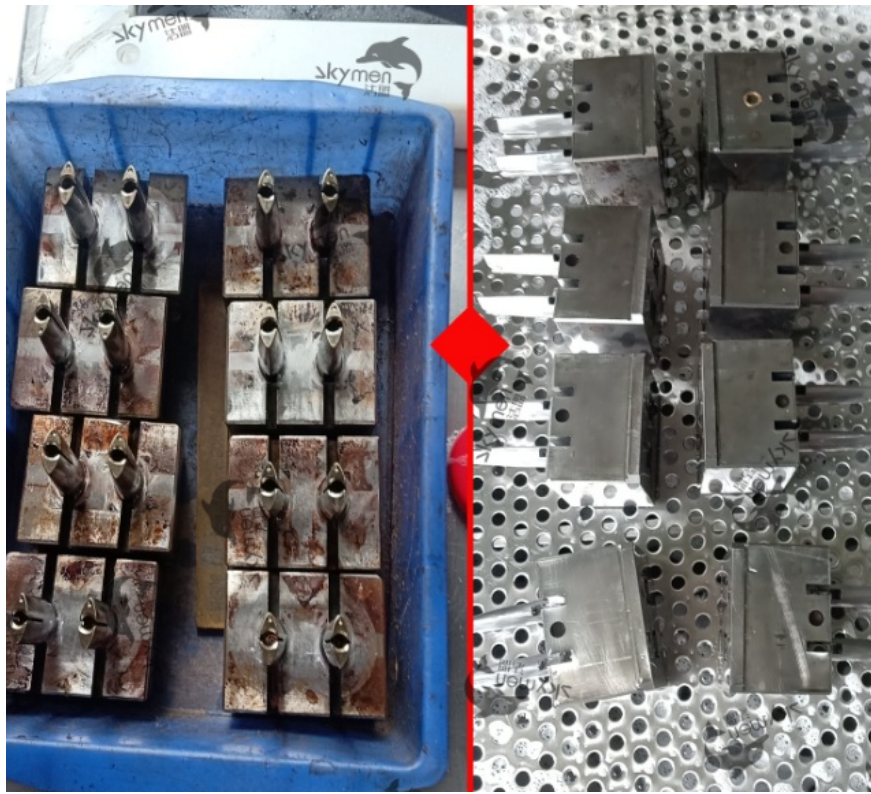
Cleaning effect show:



# CLEANING EFFECT

Better cleaning when cleaning with detergent

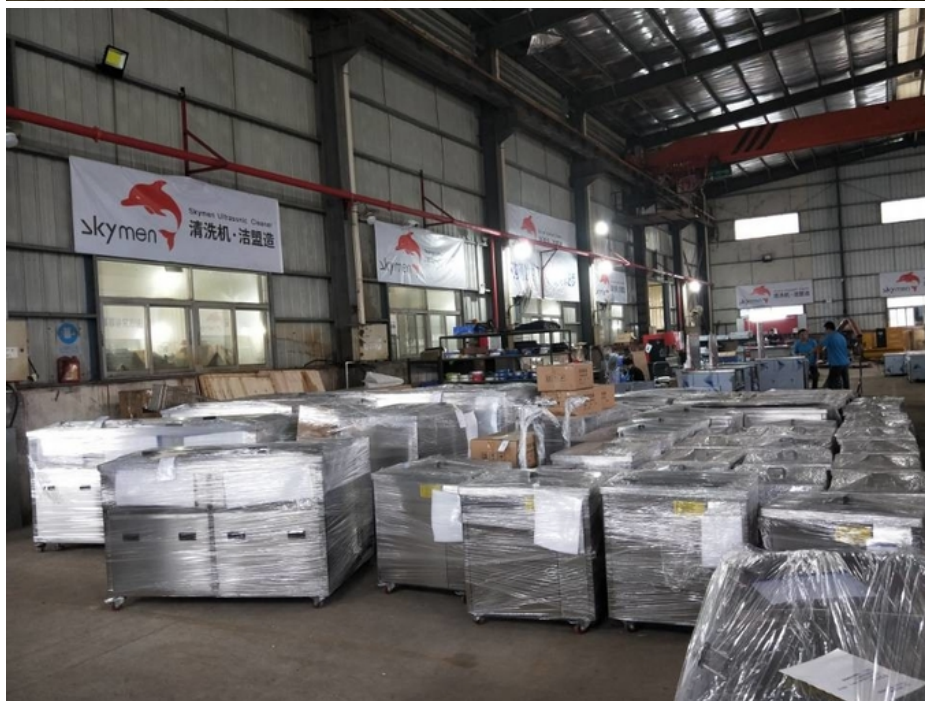




Skymen Cleaning Equipment Shenzhen CO., Ltd.







### Ultrasonic Cleaning Machine for Condenser

The water chiller is prone to scale formation in the condenser pipe after long-term use. If it is not treated in time, the scale will affect the heat exchange effect and cause the condensing temperature of the unit to increase, which in turn leads to a decrease in the cooling capacity and an increase in the power consumption of the unit. .

In general, the condenser of an industrial chiller should be cleaned frequently.

Chemical cleaning method:

Chemical cleaning mainly uses cleaning fluid for cleaning. Firstly, acid solution is used for cleaning, then alkaline solution is used for neutralization and cleaning, and finally clean water is used to rinse off acid and alkaline solutions.

1. A circulating pump and pipeline can be connected between the cleaning liquid storage tank and the condenser to form a closed loop, so that the cleaning liquid can be circulated continuously for 12-24 hours to dissolve and fall off the sediment.
2. The cleaning fluid can be added to the cooling water system in a certain proportion, and the cooling pump is turned on for 12-24 hours. The sediment layer is continuously dissolved and peeled off by the chemical action and scouring action of the cleaning fluid. However, this method requires a lot of cleaning potions, and the cost is high.
3. Mix the cleaning liquid in a certain proportion, add it to the condenser and let it stand for 5-10 hours to soften and dissolve the sediment, drain the cleaning liquid, and rinse with clean water.

The advantage of chemical cleaning is thorough descaling, reducing the workload of workers, but the disadvantage is that the cleaning liquid may cause corrosion to the condenser copper pipe, the waste liquid discharge problem after cleaning, and the price of the cleaning liquid is relatively expensive.

Physical cleaning method:

Physical cleaning mainly uses flexible shaft brush cleaning. The flexible shaft is driven by the motor of the washing machine to rotate. There is a nylon brush at the front of the flexible shaft. When in use, the flexible shaft and brush are extended into the copper tube of the condenser, and the brush is rotated at high speed to remove the inside of the copper tube. The dirt is finally rinsed with clean water. This kind of machine is called a gun machine.

The advantage of physical cleaning is that it saves the cost of chemical cleaning liquid, avoids the disposal of waste liquid after chemical cleaning, and is not easy to cause corrosion of the condenser copper pipe. The disadvantage is that the cleaning effect is not good for hard scale and corrosion products with strong adhesion. Good, and the cleaning operation is time-

consuming and laborious.

Two common methods for removing condenser scale in water chillers

Ultrasonic cleaning uses a combination of chemical cleaning and physical cleaning

Inject water into the ultrasonic tank, add a certain proportion of mild chemical cleaning agent, and immerse the entire condenser in the ultrasonic cleaning tank. The ultrasonic high-frequency oscillation can quickly peel off the dirt on the condenser without causing any damage to the condenser



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