



4500L Ultrasonic Washing Machine FCC For Graphite Crucible

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: SKYMEN
- Certification: CE, RoHs, FCC
- Model Number: JP-1576ST
- Minimum Order Quantity: 1
- Price: Negotiation
- Packaging Details: wooden case
- Delivery Time: In Stock
- Supply Ability: 100 pcs per month



Product Specification

- Machine Tank Capacity: 4500L
- Frequency: 28KHz
- Tank Size: 2500*1500*1200mm
- Transducer: 576pcs
- Ultrasonic Power: 28800W
- Heating Power: 6300W
- Highlight: Graphite Crucible Ultrasonic Washing Machine,
4500L Ultrasonic Washing Machine,
FCC Ultrasonic Cleaner Machine



Product Description

4500L Ultrasonic Washing Machine For graphite crucible with Heating Power

Ultrasonic Cleaning Machine For graphite crucible

Although graphite crucible has the characteristics of high bulk density, high temperature resistance, fast heat transfer, acid and alkali corrosion resistance, high temperature resistance, oxidation resistance, etc., for the refining of a single raw material, the cleaning work after using the crucible is very troublesome.

Ultrasonic cleaning + cleaning agent cleaning

The first task of cleaning the graphite crucible is to remove the chemicals in the crucible and then clean it. We need to decide what to clean based on what remains in the graphite crucible. Generally speaking, the binder on the graphite crucible is the residue of inorganic combustion. We can clean with hydrochloric acid, most of which are soluble, and some carbon-containing residues cannot be dissolved with hydrochloric acid. Nitric acid is highly oxidizing, it can be heated appropriately during cleaning, and ultrasonic cavitation can quickly peel off dirt

Graphite crucibles need to be kept clean and bright inside and out. After a long period of burn, the appearance of the crucible may be blurred, and the inside will go deep into the inside, causing the crucible to be fragile and cracked, so the unclean materials must be removed. If the surface is still stained or black, use fine sand with no edges and corners and gently wipe with water to restore the surface gloss.

Detailed Specification of this machine:

1	Model	JP-1576ST	
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	2500*1500*1200mm
		Tank Capacity	4500L
		Transducer	576pcs
		Ultrasonic Power	28800W
		Heating Power	63000W
		Time setting of Ultrasonic	0~99 hours
		Temperature setting	Room temperature ~ 95°C adjustable
		Drain value	Available
		Water inlet/outlet	Available
		Generator	16 sets
		Generator power control	1800W
		Generator shelf	Available
3	Packing	Basket	Available
		Basket load	700KG
		Overall size	290*170*210cm
		Packing size	300*190*230cm
4	Power supply	Packing detail	By wooden case(No logs, free of fumigation)
		N.W/G.W	1200KG/1400KG
5	Warranty	380V 3 phase; 220V 3 pahse; 415V; 600V	
6	Certificate	1 year warranty for spare parts, all life technical support	
7	Lead time	CE, RoHS; FCC, REACH	
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		

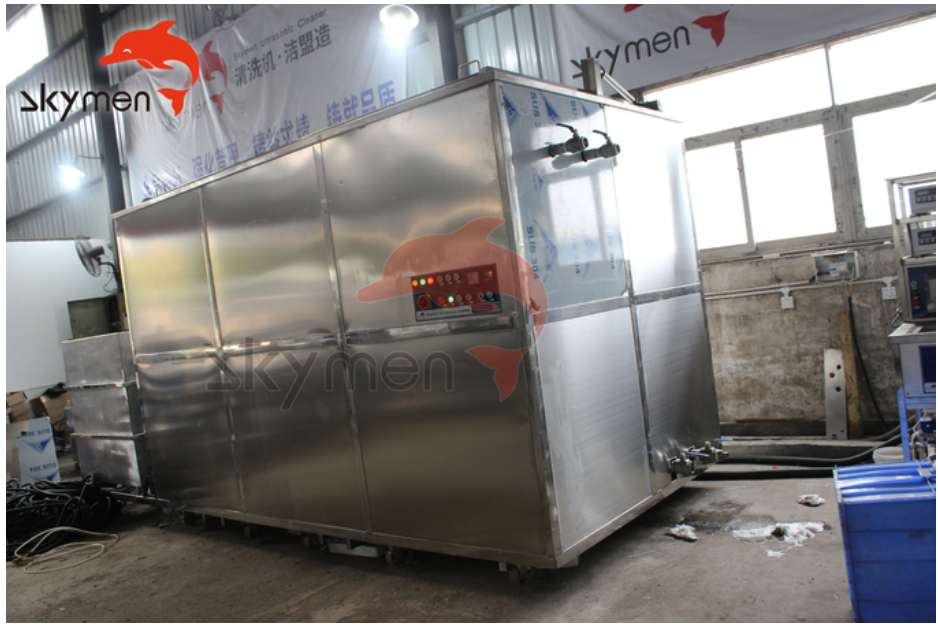
Brand	Skymen		
Model	JP-11152ST		
Inner tank size	2500*2000*1700mm	Capacity	8500L
Transducer	1152pcs	Ultrasonic power	0~57600W Adjustable
Frequency	28/40KHz	Heating power	69000W
Max power	126600W	Power supply	380V/220V 3 Phase
Temperature control	Room temperature~95°C	Time control	0~99 Hours
Tank material	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:



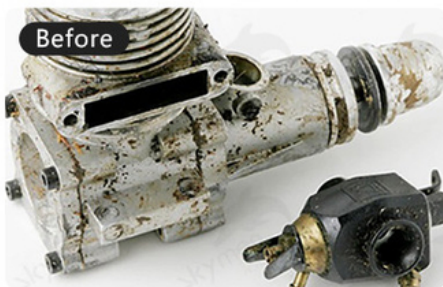
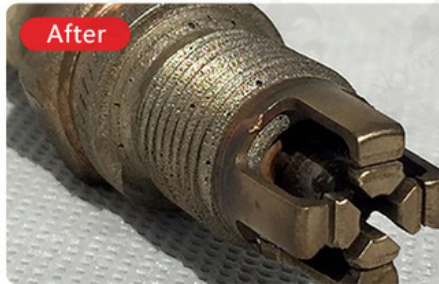
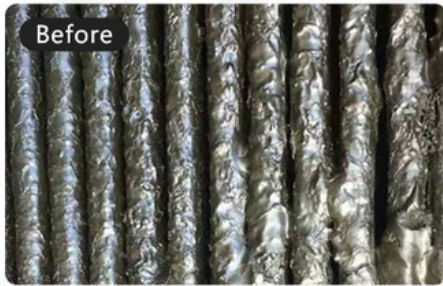


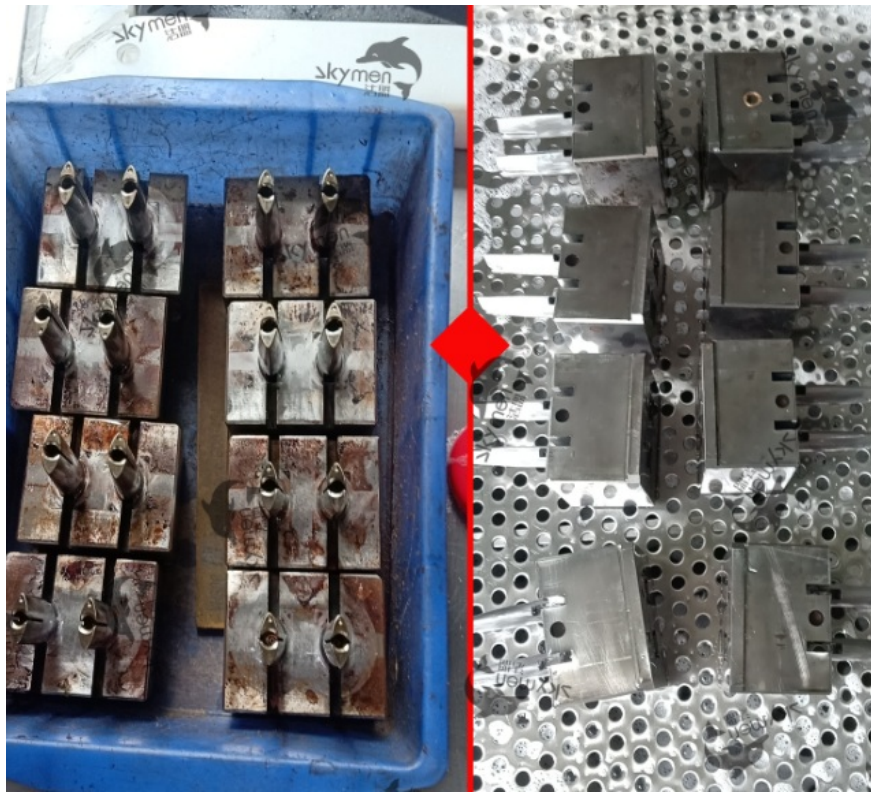


Cleaning effect show:

CLEANING EFFECT

Better cleaning when cleaning with detergent





Skymen Cleaning Equipment Shenzhen CO., Ltd.





Daily maintenance for our machine

Tanks Cleaning - check the tank for contamination whenever you change solution. If necessary, remove contaminants with a nonabrasive cloth and water.

Emptying - always unplug the cleaner before emptying the tank. Empty the solution into a waste disposal unit.

Filling - always unplug the line cord before filling the tank. Fill the cleaner to the operating level (one inch from the top with beaker/tray in place), using warm tap water.

Low solution level - will cause the cleaner to fail. When you remove heavy or bulky loads from the cleaner, the solution level may drop below the operating level. If so, be sure to replace lost solution and degas, if necessary, depending on the amount used.

Overload - do not rest any items on the tank bottom. Weight on the tank bottom dampens sound energy and will cause damage to the transducer. Instead, use a tray and/or beaker positioning cover to support all items.

Allow at least one inch between the tank bottom and the beaker or receptacle for adequate cavitation.

Covers - allow the cleaner to heat up faster, to a higher temperature, and avoid excessive liquid evaporation. However, obstructing the cover vents will cause the cleaner to overheat.



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