



SUS304 Sonic Wave Ultrasonic Cleaner 38L 720W For Medicine Extraction

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SkyMen
- Certification: RoHS, CE, FCC, REACH
- Model Number: JP-120S
- Minimum Order Quantity: 1
- Price: Negotiation
- Packaging Details: Wooden case
- Delivery Time: In Stock
- Payment Terms: T/T
- Supply Ability: 8000 pcs per month



Product Specification

- Model: JP-120S
- First Tank Volume: 38L
- Tank Size: 500*300*250mm
- Custom Size: Acceptable
- Ultrasonic Power: 720W
- Heating Power: 800W
- Frequency: 40KHz
- Time Setting: 0~30 Minutes Adjustable
- Temperature: 20~80°C Adjustable
- Material: SUS304
- Highlight: **Medicine Extraction Sonic Wave Ultrasonic Cleaner**
, SUS304 Sonic Wave Ultrasonic Cleaner,
720W Table Top Ultrasonic Cleaner



Product Description

720W Ultrasonic Cleaner for Medicine Extraction 38L Internal Tank

Ultrasonic extraction uses the multi-stage effects such as the strong cavitation stress effect, mechanical vibration, disturbance effect, high acceleration, emulsification, diffusion, crushing and stirring effects generated by the pressure of ultrasonic radiation, increasing the frequency and speed of material molecules and increasing solvent penetration. Penetrating power, thereby accelerating the target ingredients into the solvent and facilitating the extraction.

Ultrasound is an elastic mechanical vibration wave, which is fundamentally different from electromagnetic waves. Because electromagnetic waves propagate in a vacuum, ultrasonic waves must propagate in the medium. When passing through the medium, the entire process of expansion and compression is formed.

In liquids, a negative pressure is created during the expansion process. If the ultrasonic energy is strong enough, the expansion process can create bubbles in the liquid or tear the liquid into small cavities. These cavities are closed instantaneously, and an instantaneous pressure of up to 3000 MPa is generated when the cavity is closed, which is called cavitation.

Cavitation refines substances and makes emulsions, accelerates target ingredients into solvents, and improves extraction rates. In addition to cavitation, many secondary effects of ultrasound are also beneficial for the transfer and extraction of target components.

The above-mentioned effect of ultrasonic waves is very effective in extracting various target components from different types of samples.

The high temperature and pressure generated on the contact surface between the organic solvent and the solid substrate by applying ultrasonic waves, plus the oxidizing energy of the free radicals generated by ultrasonic decomposition, etc., thereby providing high extraction energy.

Specification:

Model	JP-120S
Ultrasonic frequency	40,000Hz
Material of tank	SUS304
Material of shell	SUS304
Capacity	30L
Drain value	Yes
Timer	0~30 mins adjustable
Temperature	20~80°C adjustable
Power supply type 1	AC 100~120V, 50/60Hz
Power supply type 2	AC 220~240V, 50/60Hz
Ultrasonic power	720W
Heating Power	800W
Tank inner dimension	500*300*250mm
Unit dimension	585*347*385mm
Packing size	680*455*450mm
N.W.	19kg
G.W.	20kg
Certificate	FCC & CE & RoHS & REACH

Other model choice:

0.8~38L

Model	Capacity	Tank Size	Ultrasonic Power	Heating Power	Frequency
	(L)	(L*W*H)mm	(W)	(W)	(KHz)
008	0.8	150*85*65	35	0	40
009	0.9	150*135*65	60	100	40
010S	2	150*165*100	60	100	40
JP-020S	3.2	240*135*100	120	100	40
JP-030S	4.5	300*150*100	180	200	40
JP-031S	6.5	300*150*150	180	200	40
JP-040S	10	300*240*150	240	200	40
JP-060S	15	330*300*150	360	300	40
JP-080S	22	500*300*150	480	500	40
JP-100S	30	500*300*200	600	500	40
JP-120S	38	500*300*250	720	800	40

38~960 Liter:

Model	Capacity	Tank Size	Transducers	Ultrasonic Power	Heating Power	Frequency
	(L)	(L*W*H)mm	(pcs)	(W)	(W)	(KHz)
JP-120ST	38	500X300X250	12	600	1500	28/40
JP-180ST	53	500X350X300	18	900	1500	28/40
JP-240ST	77	550X400X350	24	1200	3000	28/40

JP-300ST	99	550X450X400	30	1500	3000	28/40
JP-301ST	99	800X300X400	30	1500	3000	28/40
JP-360ST	135	600X500X450	36	1800	4500	28/40
JP-480ST	175	700X500X500	48	2400	6000	28/40
JP-600ST	264	800X600X550	60	3000	6000	28/40
JP-720ST	360	1000X600X600	72	3600	9000	28/40
JP-1108ST	540	1000X900X600	108	5400	18000	28/40
JP-1144ST	960	1200X1000X800	144	7200	27000	28/40



Additional functions can be added, such as Filter, Lift, DI water etc.

Cleaning effect:



Our service:

Pre-sale Service

1. Reply your messages or emails within 12 hours.
2. OEM&ODM acceptable(Custom- made logo or package).
3. Professional solutions are provided.
4. New product recommendation.
5. Drop- shipping available

After- sales Service

Within 12 months, if there will be any problem with the machine, we will allow the professional person to handle it for you or to the site.



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