



## 4.5L Benchtop Ultrasonic Cleaner For PCB Cleaning Rosin Scaling Powder

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SkyMen
- Certification: RoHS, CE, FCC, SGS
- Model Number: JP-030S
- 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-030S
- First Tank Volume: 4.5L
- Tank Size: 300\*150\*100mm
- Ultrasonic Power: 180W
- Heating Power: 200W
- Frequency: 40KHz
- Timer: 0~30 Minutes Adjustable
- Temperature: 20~80°C Adjustable
- Highlight: **4.5L Benchtop Ultrasonic Cleaner, 200W Heating Benchtop Ultrasonic Cleaner**



## Product Description

### 4.5L Ultrasonic Cleaning Machine 180W for Milk tea straw / Glass Applicator 40KHz

Ultrasonic cleaning methods are more common than conventional cleaning methods, especially the surface of the workpiece is complex, such as some surface irregularities, mechanical parts with blind holes, some products that are particularly small and have high requirements for cleanliness such as watches and clocks. Precision mechanical parts, electronic components, circuit board components, etc., can achieve very good results by ultrasonic cleaning.

The cleaning effect is good, the cleanliness is high and the cleanliness of all the workpieces is consistent. The cleaning speed is fast, the production efficiency is improved, and the cleaning liquid is not required to be touched by human hands, which is safe and reliable. Deep holes, slits and hidden parts of the workpiece can also be cleaned. No damage to the surface of the workpiece, saving solvent, heat, work site and labor.

#### Specification:

Model	JP-030S
Ultrasonic frequency	40,000Hz
Material of tank	SUS304
Material of shell	SUS304
Capacity	4.5L
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	180W
Heating Power	200W
Tank inner dimension	300*150*100mm
Unit dimension	330*200*235mm
Packing size	410*255*320mm
N.W.	4.7kg
G.W.	5.35kg
Certificate	ISO9001:2008 & CE & RoHS

#### Similar models with different capacity:

##### **Stainless Bench Top**

Model	Capacity (L)	Tank Size (L*W*H)mm	Ultrasonic Power (W)	Heating Power (W)	Frequency (KHz)
008	0.8	150*85*65	35	0	40
009	0.9	150*135*65	60	100	40
JP-010T	2	150*165*100	60	100	40
JP-020S	3.2	240*135*100	120	100	40
<b>JP-030S</b>	<b>4.5</b>	<b>300*150*100</b>	<b>180</b>	<b>200</b>	<b>40</b>
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

Image:



#### How much ultrasonic power does your cleaning tank require?

The right amount of ultrasonic energy (usually expressed in watts/gallon) depends on the size of the cleaning bath and the difficulty of the cleaning requirement. Tanks in the one- to two-gallon range often provide up to 90 watts per gallon of

ultrasonic power, plenty for most jobs, even cleaning out the ultra-fine passages of fuel injector nozzles.

"Achieving the same cleaning effect in larger tanks requires less energy density," Pedeflous noted. "Excellent cleaning has been demonstrated in tanks having 50 gallons capacity with only 25-30 watts per gallon. The more difficult the application, the greater energy density is required for effective cleaning."

On the other hand, too much ultrasonic power may result in cavitation erosion occurring on delicate or highly polished parts that are near the transducer-radiating surface. Cavitation is the formation and collapse of low-pressure bubbles that can pit the surface of metals. Aluminum, copper, brass and other soft metals are especially susceptible to cavitation erosion.



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