



## 30L 1080W Electric Ultrasonic Cleaner For Beaker Clamp Lab Instruments

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Skymen
- Certification: CE, ROHS, FCC
- Model Number: JP-100PLUS
- Minimum Order Quantity: 1 unit
- Price: Negotiation
- Packaging Details: Foam carton
- Delivery Time: In Stock



#### Product Specification

- Ultrasonic Power: 600/1080W
- Heating Power: 500W
- Tank Capacity: 30L
- Inner Tank Size: 19.7x11.8x7.9"
- Machine Dimension: 23x13x13"
- Gross Weight: 17KG
- Highlight: **1080W Electric Ultrasonic Cleaner, 30L Electric Ultrasonic Cleaner, Beaker Clamp Ultrasonic Engine Bath**



Brand	Skymen	
Model	JP-100PLUS	
Tank size	300*300*200mm	Unit size 580*527*333mm
Tank material	SUS 304	Thickness 1.1mm
Capacity	30L	Control panel 29" slope Touch control
Ultrasonic power	600W	Plus power 1080W
Frequency	40KHz	Transducer pcs 18pcs
Heating power	500W	Drain valve Yes
Timer	0-99 minutes	Basket stainless steel basket
Heater	Normal-80°C	Plus power AC 110V-AC 220V
Application	Ultrasonic clean, emulsify, mixing, extraction, dispersion, etc.	
Spares part	Basket, warranty card, certificate of quality, manual	

## Product Description

### Ultrasonic Cleaner for Beaker And Clamp Lab Instruments 30L Ultrasonic Bath

Skymer – the specialists for ultrasonic technology work in close cooperation with the customers to develop new ultrasonic cleaning processes for laboratory applications, such as analyzing, sample processing and cleaning of laboratory instruments. The range of our ultrasonic units is optimized for use in laboratories. The Skymer units are indispensable both for research and for the practical use in the lab to find solutions for problems and to get reproducible test results.

Skymer offers various different types of ultrasonic cleaners. Each series consists of units of different sizes. They are designed for special applications and meet the requirements of the everyday work in a lab.

#### Specifications:

Model No.	JP-100PLUS
Function	Ultrasonic cleaning + Hot water cleaning
Ultrasonic Frequency	40kHz
Tank Material	SUS 304
Tank Capacity	30 Liter
Inner tank dimension	500*300*200mm / 19.7x11.8x7.9" (Length*width*deep)
Machine dimension	585*330*330mm / 23x13x13"(Length*width*height)
Gross weight of machine	17KG; packed by foam in carton
Ultrasonic Power	600/1080W
Heating Power	500W
Time setting of Ultrasonic	0~30 minutes
Temperature setting	Room temperature ~ 80°C / 176°F adjustable
Drain value	Yes
Lid	Yes
Basket	Yes
Power supply	220V, 110V
Warranty	1 Year, free spare parts within 1 year, online technical support
Certificate	CE; RoHS; FCC; REACH
Lead time	3 Working days
Shipping time	5~7 day by express



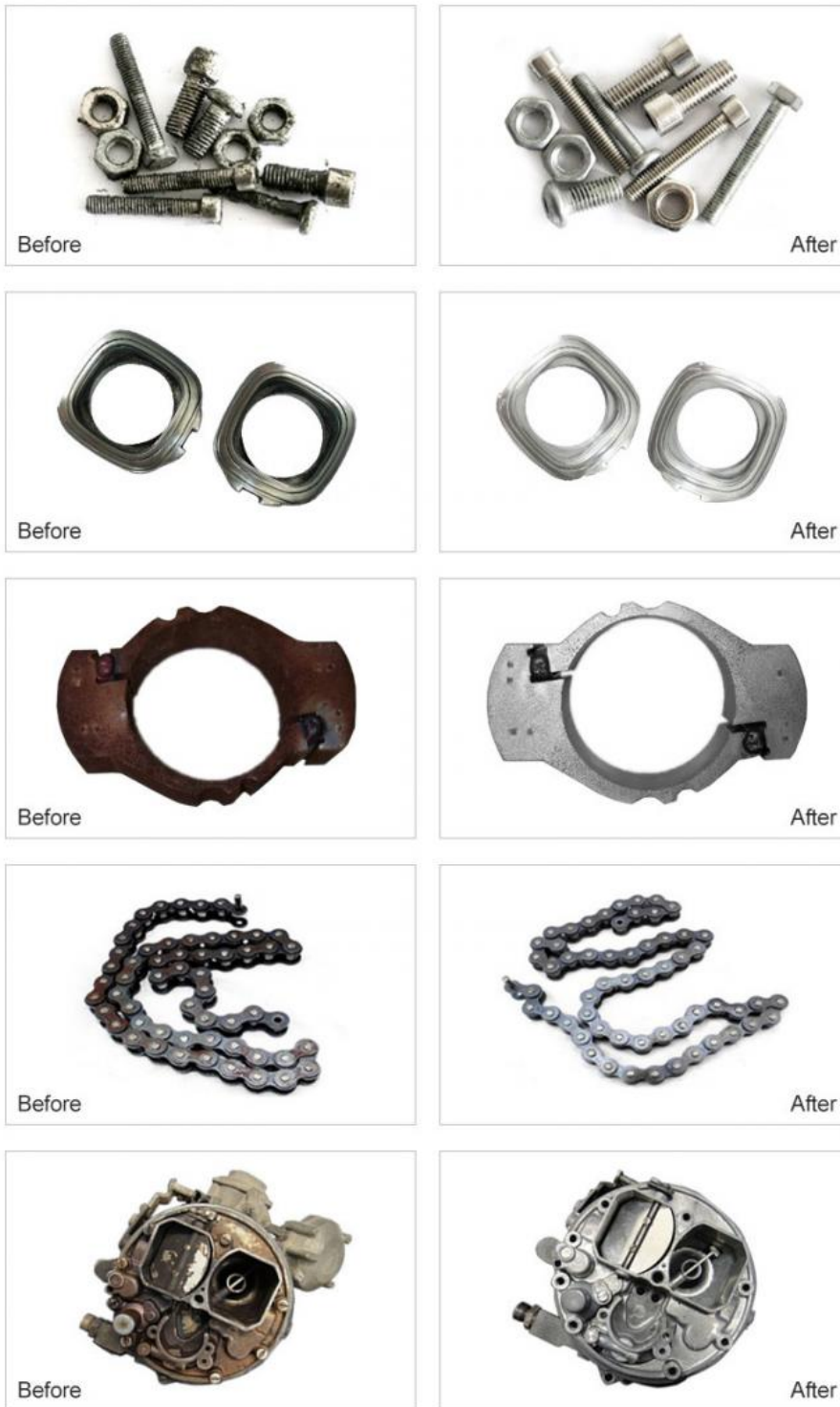
Same series machine with different capacity:

Model	Capacity (L)	Tank Size (L*W*H)mm	Ultrasonic Power (W)	Heating Power (W)	Frequenc y (KHz)	Tank thickness (mm)	Material
							SUS304

JP-020PLUS	3.2	240*135*100	120/180	100	40	1	SUS304
JP-030PLUS	4.5	300*150*100	180/300	200	40	1	SUS304
JP-031PLUS	6.5	300*150*150	180/300	200	40	1	SUS304
JP-040PLUS	10	300*240*150	240/480	200	40	1	SUS304
JP-060PLUS	15	330*300*150	360/600	300	40	1	SUS304
JP-080PLUS	22	500*300*150	480/840	500	40	1	SUS304
JP-100PLUS	30	500*300*200	600/1080	500	40	1	SUS304

**Cleaning effect show:**

## Before & After Cleaning Comparison



### The Cleaning Mechanism

Once the power cable of an ultrasonic cleaning machine is plugged into a power source and the machine is switched on, the transducer starts changing size almost instantly. It then converts the electrical energy to ultrasonic energy.

Due to the excitement, the transducer increases in size, creates high-frequency compression sound waves and results in rapid formation and collapse of cavitation bubbles.

As the compression waves continue, the cavitation bubbles will grow larger, and when they reach a certain size and can't retain their shape any longer, the bubbles stir through the liquid, turning it apart.

These bubbles are what impacts against the objects in the tank, causing dust, dirt, germs, oil, pigments, and other contaminants that might have stuck to the items to come off. The same thing occurs when you put a portable ultrasound machine inside a sink or bowl



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