

## 40KHz Benchtop Ultrasonic Cleaner 4.5L For Lawn Mowers Parts

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Sky men
- Certification: CE ROHS FCC SGS
- Model Number: JP-030S
- Minimum Order Quantity: 1 unit
- Price: Negotiation
- Packaging Details: 1 unit per box
- Delivery Time: In Stock
- Supply Ability: 8000 pcs per month



#### Product Specification

- Model: JP-030S
- Frequency: 40KHz
- Capacity: 1.19 Gallon
- Tank Size: 12\*6\*4 Inch
- Ultrasonic Power: 180W/90W
- Heating Power: 200W
- Material: SUS 304
- G.W: 5.5KG
- Highlight: 40KHz Benchtop Ultrasonic Cleaner,  
Benchtop Ultrasonic Cleaner 4.5L,  
Lawn Mowers Parts Ultrasonic Cleaner

## Product Description

### Skymen Ultrasonic Cleaner For Lawn Mowers Parts With 200W Heater 1.19 Gallon

<b>Model</b>	<b>JP-030S</b>
<b>Ultrasonic Frequency</b>	40KHz
<b>Transducer Quantity</b>	3pcs
<b>Ultrasonic Power</b>	180W/90W
<b>Heating Power</b>	200W
<b>Tank Capacity</b>	4.5L/1.19Gallon
<b>Tank Size</b>	300*150*100mm
<b>Machine size</b>	380*200*225mm
<b>Packing size</b>	410*255*310mm
<b>Net weight</b>	4.8KG
<b>Gross weight</b>	5.5KG
<b>Time Range</b>	1~30 minutes
<b>Temperature Range</b>	Room temperature~80°C/176°F
<b>Tank material</b>	SUS 304
<b>Tank thickness</b>	1mm
<b>Shell thickness</b>	0.8mm
<b>Slope panel degree</b>	20°
<b>Drain Valve</b>	×
<b>General switch</b>	✓
<b>Degas</b>	✓
<b>Semi-wave</b>	✓
<b>Lid</b>	✓
<b>Basket</b>	✓
<b>Voltage</b>	110V; 220V
<b>Plug</b>	European Plug; US plug; Austrslian Plug; British Plu
<b>Detergent suggestion</b>	No stronger acid or alkali
<b>OEM</b>	Yes
<b>OEM MOQ</b>	100pcs
<b>Origin</b>	Guangdong China
<b>Business category</b>	Manufacturer
<b>Lead time</b>	7 days after payment if order quantity is below 20pcs
<b>Payment term</b>	By cash; by credit card; by Paypal
<b>Warranty</b>	1 year

#### What are advantages of injection mold ultrasonic cleaning system?

The process of cleaning injection mold components via ultrasonic bath offers significant advantages over traditional manual scrubbing. The use of abrasive techniques, of any kind, is detrimental to the tool surface, especially those that are highly finished. The ultrasonic method does not invade the surface of the steel the way conventional friction-based methods do. Ultrasonic cleaning uses a system called cavitation—the rapid forming and collapsing of millions of very small bubbles in a bath of water and suitable biodegradable cleaner. Although tiny, these little bubbles are tenacious fighters and will work their way into and around all mold-component surfaces—crevices, grooves, channels, blind holes ... The ultrasonic process has proven itself to be extremely effective in removing the residues and contaminants from mold releases, burnt resin, and vent outgas without harming the surface of the steel.

The ultrasonic cleaning cycle takes 20 minutes for most applications, with additional time or cycles required for molds running high-temperature/gassy resins. Certain performance-enhancing additives (flame retardants or talc filler, for example) can also be detrimental to good mold-steel health without regular cleaning.

# Upgrade Digital Ultrasonic Cleaner



Metal Parts   Glassware   Surgical tools   PC Board   Auto Parts

- ✓ Degas function & semiwave function
- ✓ Digital touch control panel, angle of 20 degree tilted
- ✓ 0-30min time and 20°C to 80°C temperature adjustable
- ✓ SUS304 tank & insulated handle & industrial-grade transducer
- ✓ CE & RoHS & FCC & ISO9001& ISO13485



Model					
Capacity	JP-020S	JP-030S	JP-031S	JP-040S	JP-050S
Tank size	3.2L	4.5L	6.5L	10L	14.5L
Overall size	240*135*100mm	300*150*100mm	300*150*150mm	300*240*150mm	300*240*200mm
Ultrasonic power	270*185*230mm	330*200*235mm	375*200*275mm	380*290*280mm	370*270*325mm
Heating power	60W / 120W	90W / 180W	90W / 180W	120W / 240W	150W / 300W
Transducer pcs	100W	200W	200W	200W	200W
	2pcs	3pcs	3pcs	4pcs	5pcs
Model					
Capacity	JP-060S	JP-070S	JP-080S	JP-100S	JP-120S
Tank size	15L	20L	22L	30L	38L
Overall size	330*300*150mm	330*300*200mm	500*300*150mm	500*300*200mm	500*300*250mm
Ultrasonic power	400*350*280mm	400*330*330mm	585*330*280mm	585*327*333mm	585*345*385mm
Heating power	180W / 360W	240W / 480W	240W / 480W	300W / 600W	360W / 720W
Transducer pcs	300W	300W	500W	500W	800W
	6pcs	8pcs	8pcs	10pcs	12pcs

## Stainless Bench Top



Model	Capacity	Tank Size	Ultrasonic Power	Heating Power	Frequency	Tank thickness	Material
	(L)	(L*W*H)mm	(W)	(W)	(KHz)	(mm)	
JP-008	0.8	150*85*65	35	0	40	1	SUS304
JP-009	0.9	150*135*65	60	100	40	1	SUS304
JP-010T	2	150*165*100	60	100	40	1	SUS304
JP-020S	3.2	240*135*100	120	100	40	1	SUS304

JP-030S	4.5	300*150*100	180	200	40	1	SUS304
JP-031S	6.5	300*150*150	180	200	40	1	SUS304
JP-040S	10	300*240*150	240	200	40	1	SUS304
JP-060S	15	330*300*150	360	300	40	1	SUS304
JP-080S	22	500*300*150	480	500	40	1	SUS304
JP-100S	30	500*300*200	600	500	40	1	SUS304

Product Show:



Timer



Heater



Degas



Semiwave



Frequency  
**40kHz**



Heating power  
**200W**



Ultrasonic power  
**180W**

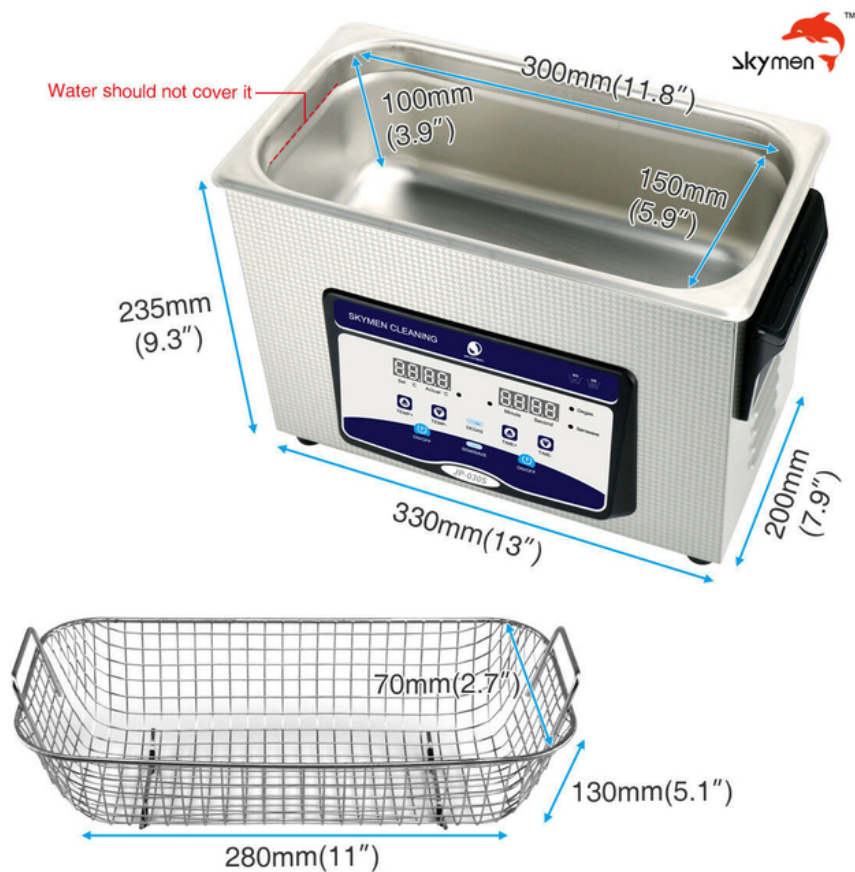


Transducer  
**3 Pcs**



**4.5L**

Digital upgrade ultrasonic cleaner



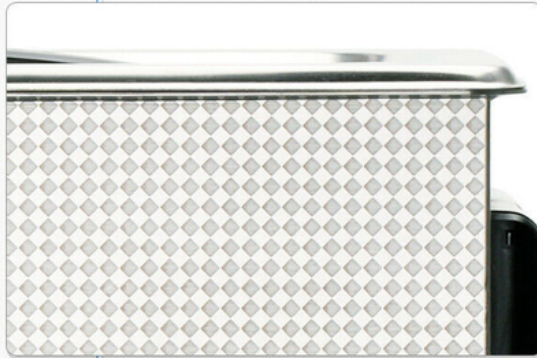


## Product details

1.

Printed surface stainless steel

fingerprint and dirt resisting



2.

SUS304 inner tank

non-welded stamped tank  
features corrosion and heat  
resisting

## PAY ATTENTION ON DETAILS



**Insulated handle design**

Anti-static and anti-high temperature,  
more secure



**Stainless steel drain valve**

One-half inch large drain valve, quicker  
to drain



### Cooling vents

Fast heat dissipation, protecting the circuit board and enhancing the service life



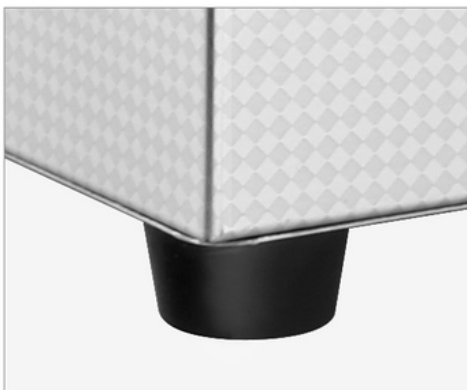
### Heat - resistant power cord

One-half inch large drain valve, quicker to drain



### Non-slip anti-shock pad

Non-slip, safer



### Safety switch

With ground insurance switch



### Stainless steel cleaning basket

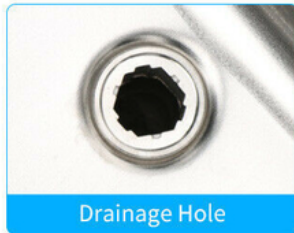
Fine workmanship and durability



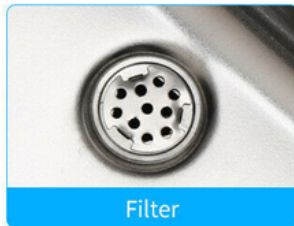


## INDUSTRIAL SUS304 TANK

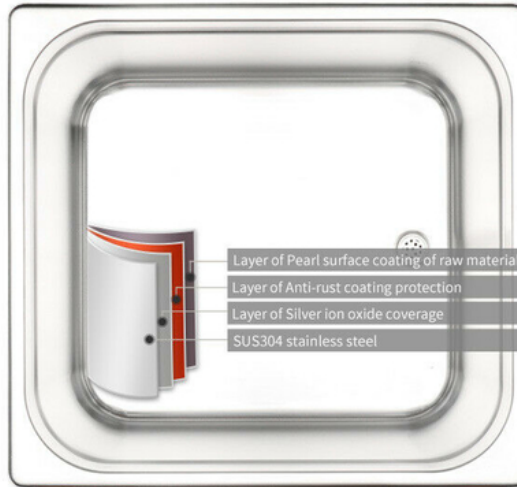
Thickness 1.1mm/Heat-resisting and corrosion-resisting/safe and healthy



Drainage Hole



Filter



Layer of Pearl surface coating of raw material  
Layer of Anti-rust coating protection  
Layer of Silver ion oxide coverage  
SUS304 stainless steel



Adopt high quality  
SUS304 stainless steel



Thicken tank formed  
by one time stamping,  
without welding



With good corrosion  
resistance, heat  
resistance, Seamless,  
leak-proof

CLEANING

## One-stop throughout cleaning solution

With thermostat controls and heater; High frequency cleaning ; Intensive cleaning



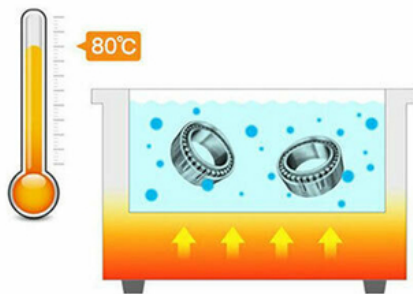
## SPECIAL FUNCTIONS



0~30mins time adjustable



Select DEGAS as needed

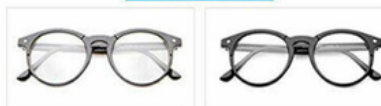


Heating to remove oil and wax

Fullwave



Semiwave

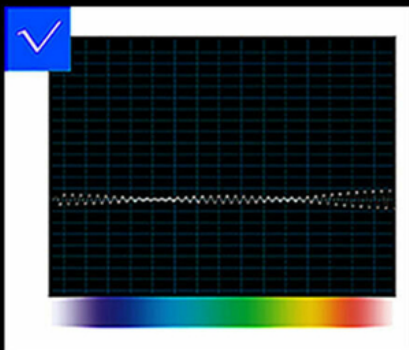


Semiwave mode

## SKYMEN COORDINATOR

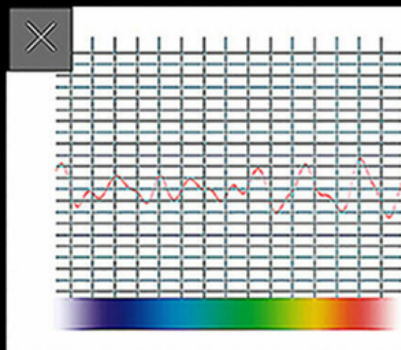
Use high-quality core

Skymen Coordinator



Adopt high-quality components distribute power evenly, all transducers work at one frequency vibration point, which achieve a powerful resonance effect, delivery a uniform and thorough cleaning performances.

Other Coordinator



Current and power are uncontrolled, weak resonance effect, normal cleaning performance.

Application Area:

## APPLICATIONS

## 1 Scientific Labs

Eyeglass Frames, Lab Glassware, Optical & Contact Lenses, Pipettes, Scientific Instruments, Test Tubes...



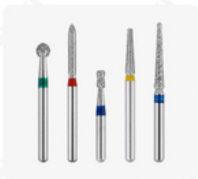
## 2 Jewelry & Metal Decoration Manufacturing

Chains, Charms, Intricate Settings, Precious Metals, Gemstones, Coins, Watchbands...



## 3 Medical & Dental Lab

Burs, Blood Oxygenators, Cannulae, Dental Instruments, Syringe Parts, Surgical Instruments...



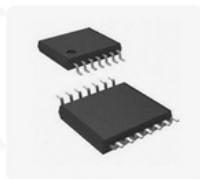
## 4 Industrial Manufacturing

Assemblies, Gears, Metal & Plastic Parts, Precision Bearings, Relays, Motors, Switches...



## 5 Electronics Manufacturing

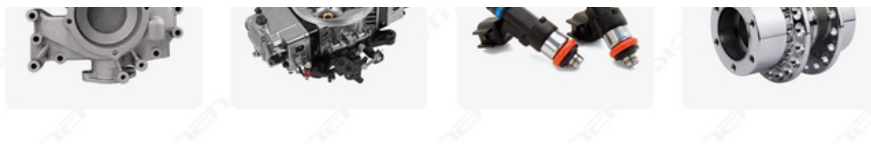
Capacitors, Ceramic Substrates, PC Boards, Packaging Components, Quartz Crystals, SMDs...



## 6 Auto Industry

Carburetor, Castings, Fuel Injectors, Machined Parts, Stamped Parts, Switches...





## COMPARISON OF CLEANING EFFECT





## Suitable for varieties of palces



Factory

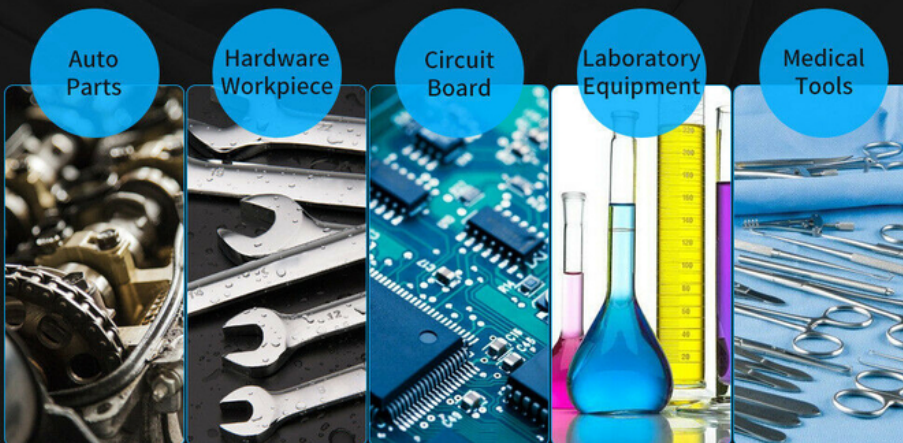


Labs



Hardware store

## WIDE RANGE OF CLEANING FIELD



## MULTIPURPOSE CLEANING

It's efficient for most of household items that could be used to clean. get the best cleaning effects with the least effort.



Glasses



Watchband



Jewelry



Tableware



Toothbrush



Denture



Shaver



Bottles&nipples



Nail Tools

Before



After



Before



After



Before



After



Before



After

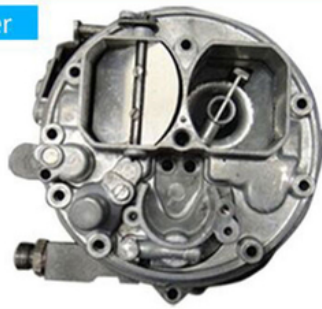




Before



After



Before



After



Before



After



## COMPARISON OF CLEANING EFFECT



### Industrial Ultrasonic Cleaning Machine



Model	Capacity (L)	Tank Size (L*W*H)mm	Transducers (pcs)	Ultrasonic Power (W)	Heating Power (W)	Tank thickness (mm)	Frequency (KHz)
JP-120ST	38	500X300X250	12	600	1500	2	28/40
JP-180ST	53	500X350X300	18	900	1500	2	28/40
JP-240ST	77	550X400X350	24	1200	3000	2	28/40
JP-300ST	99	550X450X400	30	1500	3000	2	28/40
JP-301ST	99	800X300X400	30	1500	3000	2	28/40
JP-360ST	135	600X500X450	36	1800	4500	2	28/40
JP-480ST	175	700X500X500	48	2400	6000	2	28/40
JP-600ST	264	800X600X550	60	3000	6000	2	28/40
JP-720ST	360	1000X600X600	72	3600	9000	2	28/40
JP-1108ST	540	1000X900X600	108	5400	18000	2	28/40
JP-1144ST	960	1200X1000X800	144	7200	27000	2	28/40

### Immersible Transducer Plate

Image:



Model	Plate Size	Transducers	Ultrasonic Power	Generator	Suitable tank
	(L*W*H)mm	(pcs)	(W)	(set)	(L)
JP-1006I	305*205*100	6	300	1	10~15
JP-1012I	355*305*100	12	600	1	30~40
JP-1018I	340*280*100	18	900	1	60~70
JP-1024I	430*280*100	24	1200	1	70~80
JP-1030I	460*370*100	30	1500	1	90~100
JP-1036I	550*450*100	36	1800	1	130~140
JP-1048I	600*450*100	48	2400	2	170~180

#### Immersible Transducer Tube

Image:



Model	Tube Size	Transducers	Ultrasonic Power	Generator	Length of wire
	(D*H)mm	(pcs)	(W)	(set)	(M)
JM-1003	57*180	3	150	1	1.5
JM-1006	57*300	6	300	1	1.5
JM-1012	57*550	12	600	1	1.5
JM-1018	57*750	18	900	1	1.5
JM-1024	57*1000	24	1200	1	1.5
JM-1036	57*1520	36	1800	1	

Immersible Transducer Plate/tube can be put in any tank, but it doesn't have heating function.

The price of tube is much higher than plate, Ultrasonic Tube is only used for special purpose, such as in Lab.

#### Our Certificates:

CE, RoHS, FCC, REACH

## QUALITY ASSURANCE

SKYMEN has passed more than 20 patents and international certifications, such as CE, ROHS, FCC, ISO13485, ISO9001, PSE.





Skymen factory and warehouse





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