

50L Ultrasonic Cleaning Machine for Car Parts Hardware

Our Product Introduction

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Basic Information

- Certification: CE, RoHS
- Minimum Order Quantity: 1
- Price: 1400



Product Specification

- Model NO.: JP-180G
- Frequency: 40kHz / 28kHz
- Capacity: 53L
- Tank Size: 500*350*300mm
- Transducer Count: 18PCS
- Ultrasonic Power: 900W
- Heating Power: 1500W
- Time Setting: 0~99 Hours
- Temperature Setting: 20~95 Celsius
- Filter Diameter: 5~10 Micron
- Filter Material: PP Cotton
- Tank Material: SUS 304
- Tank Thickness: 2mm
- Basket Load: 200KG
- Water Pump Lift: 20 Meter



More Images



Product Description

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Product Gallery



Technical Specifications

Manufacturer: SKYMEN CLEANING EQUIPMENT SHENZHEN CO.,LTD

| | |
|--------------------------------|--|
| Model | JP-180G (Ultrasonic cleaning + heating + filter) |
| Ultrasonic Frequency | 40/28KHz; 68/80/132KHz can be customized |
| Tank Material | SUS 304; SUS316 can be customized |
| Inner Tank Dimension | 500×350×300mm |
| Tank Capacity | 53L |
| Transducers | 18pcs |
| Ultrasonic Power | 900W (40%-100% adjustable) |
| Heating Power | 1500W |
| Ultrasonic Time Setting | 0~99 hours |
| Temperature Setting | Room temperature ~ 95°C adjustable |
| Tank Thickness | 2mm |
| Basket Load Bearing | 200KG |
| Generator | 1 set |
| Water Inlet/Outlet | Yes |
| Filtration Cycle System | Yes |
| Filter Material | PP Cotton |
| Filter Diameter | 5~10µm |
| Water Pump Lift Curve | 20 meter |

Packaging & Dimensions

| | |
|----------------------------------|---|
| Inner Tank Dimension | 500×350×300mm (L×W×H) |
| Whole Machine Size | 800×1050×800mm (L×W×H) wrapped with thin film |
| Package Size | 900×1150×950mm (L×W×H) by wooden case |
| Net Weight / Gross Weight | 120KG / 130KG |

Quality Assurance

Warranty: 1 year warranty period, spare parts to repair in free within 1 year, technical support all life

Certificates: CE, RoHS, FCC, REACH

Lead Time: 10 days

Product Series Comparison

| Model | Capacity (L) | Tank Size (L×W×H)mm | Transducers (pcs) | Ultrasonic Power (W) | Heating Power (W) | Frequency (KHz) |
|----------|--------------|---------------------|-------------------|----------------------|-------------------|-----------------|
| JP-120G | 38 | 500×300×250 | 12 | 600 | 1500 | 28/40 |
| JP-180G | 53 | 500×350×300 | 18 | 900 | 1500 | 28/40 |
| JP-240G | 77 | 550×400×350 | 24 | 1200 | 3000 | 28/40 |
| JP-300G | 99 | 550×450×400 | 30 | 1500 | 3000 | 28/40 |
| JP-301G | 99 | 800×300×400 | 30 | 1500 | 3000 | 28/40 |
| JP-360G | 135 | 600×500×450 | 36 | 1800 | 4500 | 28/40 |
| JP-480G | 175 | 700×500×500 | 48 | 2400 | 6000 | 28/40 |
| JP-600G | 264 | 800×600×550 | 60 | 3000 | 6000 | 28/40 |
| JP-720G | 360 | 1000×600×600 | 72 | 3600 | 9000 | 28/40 |
| JP-1108G | 540 | 1000×900×600 | 108 | 5400 | 18000 | 28/40 |
| JP-1144G | 960 | 1200×1000×800 | 144 | 7200 | 27000 | 28/40 |

Note: All sizes can be customized according to your requirements

Working Principle

Ultrasonic cleaning machines convert the sound energy of power ultrasonic frequency sources into mechanical vibration through transducers. The ultrasound irradiates into the cleaning liquid through the tank walls, causing micro-bubbles in the liquid to vibrate. This vibration destroys the adhesion of dirt to the surface of cleaning components, causing fatigue damage to the dirt layer and enabling gas bubble vibration to scrub solid surfaces effectively.

Filtration System Benefits

Manufacturing industry cleaning typically requires substantial solvents to remove grease and dust from component surfaces. The circulation filtration system effectively reduces cleaning costs, minimizes wastewater discharge, and achieves sustainable recycling of cleaning water, making the process more environmentally friendly and cost-effective.

Key Advantages

- Convenient and time-saving operation, reducing manpower requirements and cleaning time
- Multiple safety devices with electric drive system - no gas generation, environmentally friendly design
- Advanced technology with experienced design team capable of cleaning various printheads and components
- High-efficiency cleaning without damaging components, suitable for precision items
- Independent R&D team with experienced designers and skilled workers ensuring highest quality at factory prices

Factory Testing Facilities



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