

Skymen Jp-600g 3000W 264L Digital Aviation Parts DPF Filter Industrial Ultrasonic Cleaner

Our Product Introduction

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Basic Information

- Certification: CE, RoHS
- Minimum Order Quantity: 1
- Price: 5000



Product Specification

- Model NO.: JP-600G
- Cleaning Precision: Ultra-Precision Industrial Cleaning
- Material: Stainless Steel SUS304
- Frequency: 28kHz Or 40kHz
- Capacity: 264 Liters
- Transducer Count: 60 Pieces
- Ultrasonic Power: 3600W
- Heat Power: 6000W
- Tank Dimensions: 800*600*550mm (L X W X H)
- Timer Range: 1~99min Adjustable
- Heater Range: 20°C To 95°C Adjustable
- Machine Voltage: AC 380V, 3phases
- Generator Voltage: AC 220V
- Net Weight: 185kg
- Gross Weight: 210kg



More Images



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Product Overview

Professional industrial ultrasonic cleaning system designed for heavy-duty applications in aviation, manufacturing, and industrial sectors. Features advanced digital controls and high-capacity cleaning capabilities.

Specification	Details
Model No.	JP-600G
Ultrasonic Frequency	40 kHz
Tank Material	Stainless Steel SUS304/SUS316, 2mm
Tank Capacity	300 Liter
Timer	1~99min adjustable
Heater	20°C to 95°C adjustable
Machine Voltage	AC 380V, 3 phases
Generator Voltage	AC 220V
Ultrasonic Power	3600W
Transducers	60 pcs
Heating Power	6000 W
Generator	2 pcs
Caster	4 pcs
Drainage	Included
Accessories	With basket, lid, frame, caster with brake
Optional	Oil Filter system

Packing Details	Dimensions
Tank Size	800*600*550mm (L x W x H)
Unit Size	1060*1400*1070mm (L x W x H)
Package Size	150*165*130cm (L x W x H)
N.W. / G.W.	185kg / 210kg
Warranty	1 year

Special Features

- Stainless steel tank with excellent wear resistance and long service life
- Tank capacity: 264 Liter
- Compatible with tap water, industrial alcohol, and solvent cleaners for higher cleaning requirements
- Industrial control chip microcontroller with flexible circuit board control for enhanced security and stability
- Includes drainage, basket, lid, and multi-directional castors
- High-quality Korean technique transducers
- Independent R&D PCB board design and production by Skymen
- Suitable for cleaning cast iron, steel, stainless steel, brass, bronze, and various metals

Applications

Scientific Labs

Eyeglass Frames; Lab Glassware; Optical & Contact Lenses; Pipettes; Scientific Instruments; Test tubes

Industrial Manufacturing

Assemblies; Gears; Metal & Plastic Parts; Precision Bearings

Electronic Manufacturing

Capacitors; Ceramic Substrates; PC Boards; Packaging Components; Quartz Crystals

Medical and Dental Lab

Burs; Blood Oxygenators; Dental Instruments; Syringe Parts; Surgical Instruments

Jewelry Manufacturing

Chains; Charms; Coins; Intricate Settings; Precious Metals & Gemstones; Watches

How Ultrasonic Cleaning Works

Electrical energy is converted into mechanical vibrations through specialized transducers. These vibrations transfer into the fluid through stainless steel walls, creating microscopic vacuum bubbles that cause consecutive implosions (cavitation). The resulting high-energy jets efficiently remove dirt from surfaces and materials placed in the cleaning bath.

An ultrasonic cleaner in industrial applications saves time and reduces effort while providing safe, thorough cleaning solutions. With oil-removing detergent, the ultrasonic cleaner can quickly and efficiently remove oil and polish kitchenware, oven trays, and pans. Studies show ultrasonic cleaning can be up to 30 times faster while delivering superior cleaning results.

Product Images

Skymen JP-600G Ultrasonic Cleaner Main Unit

Ultrasonic Cleaner Control Panel

Industrial Ultrasonic Cleaning Process

Ultrasonic Cleaner Internal Components

Before and After Cleaning Results

Before cleaning - dirty industrial parts

After cleaning - clean industrial parts

Before cleaning - contaminated components

After cleaning - pristine components

Company Profile

Skymen Cleaning Equipment Shenzhen Co. Ltd. has specialized in ultrasonic cleaning technology for over 13 years. Our product range includes mini household ultrasonic cleaners, benchtop stainless steel cleaners, industrial large tank systems, and immersible ultrasonic transducer systems. With strong engineering teams dedicated to research and development, we welcome customer collaboration for new product development.

Skymen manufacturing facility

Skymen quality control process

Skymen engineering team

Skymen product testing

Contact Information

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Frequently Asked Questions

How long do I need to clean my components for?

Cleaning time varies depending on your ultrasonic bath performance and contamination level. Different conditions (temperature, ultrasonic power, detergent type and dosage) affect the required cleaning duration.

How much can I load into my ultrasonic cleaner?

Overloading reduces cleaning effectiveness. Avoid overlapping instruments in the basket. For optimal results, ensure clear space between components to allow all surface areas full exposure to the cleaning solution.

Should the lid be on my ultrasonic cleaner when in operation?

Yes, keep the lid on during operation. It protects operators and patients in medical applications by preventing aerosol dispersion. The lid also reduces noise levels and helps maintain cleaning fluid temperature.



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