

38L Tank Industrial DPF Ultrasonic Cleaner, Cleaning Machine for Rusty Pipe, Engine Block, Cylinder, Car Metal Parts

Our Product Introduction

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Basic Information

- Minimum Order Quantity: 1



Product Specification

- Ultrasonic Frequency: 28/40 KHz
- Material: Stainless Steel SUS304
- Tank Capacity: 38 L
- Timer: 1~99min Adjustable
- Heater Temperature: 20°C To 95°C Adjustable
- Degas Function: Yes
- Semiwave Function: Yes
- Power Supply: AC100-120V/60Hz, AC220-240V/50Hz
- Ultrasonic Power: 600W
- Heating Power: 1500 W
- Tank Size: 500*300*200mm (L X W X H)
- Unit Size: 680*500*735mm (L X W X H)
- Package Size: 790*570*890mm (L X W X H)
- Net Weight: 51kg
- Gross Weight: 80kg



More Images



Product Description

38L Tank Industrial DPF Ultrasonic Cleaner

Professional cleaning machine designed for rusty pipes, engine blocks, cylinders, and automotive metal parts with advanced ultrasonic technology.

Product Specifications

Model No.	JP-120ST
Ultrasonic Frequency	28/40 kHz
Material	Stainless Steel SUS304
Tank Capacity	38 L
Timer	1~99min adjustable
Heater	20°C to 95°C adjustable
Degas	Yes
Semiwave	Yes
Power Supply	AC100-120V/60Hz AC220-240V/50Hz
Ultrasonic Power	600W
Heating Power	1500 W
Basket & Cover	Standard equipped

Physical Dimensions

Tank Size	500×300×200mm (L×W×H)
Unit Size	680×500×735mm (L×W×H)
Package Size	790×570×890mm (L×W×H)
Net Weight / Gross Weight	51kg / 80kg
Warranty	1 year

Advanced Features

- Automatic load measurement with frequency and power regulation
- Fully digital generator for optimal performance and energy efficiency
- Advanced diagnostics with performance monitoring and service capabilities
- Top-level cleanliness results
- Quick wash process for increased productivity
- Good ergonomics for manual handling of lightweight items
- Cost-effective cleaning solution
- Compact design with small footprint

Industrial Applications

- Garage workshops and commercial vehicle repair
- Fuel test laboratories
- Marine engine repair
- Electrical engineering applications
- Aeronautical industry components
- Precision and general engineering
- Engine rebuilding and turbocharger repair shops

Certifications

CE / ROHS / FCC / PSE / ISO9001

Technology Overview

Ultrasonic cleaning operates on the cavitation effect caused by high-frequency ultrasonic wave vibration in fluid. Microscopic bubbles form and implode violently, creating intense scrubbing action on surfaces. These bubbles penetrate microscopic crevices, cleaning them thoroughly and consistently.

This technology effectively removes dirt and grime that typically requires tedious manual cleaning. It restores various instruments and mechanical parts like carburetors to near-new condition without damaging delicate components.

Available Sizes

Key Benefits of Advanced Ultrasonic Technology

Precision Cleaning

Cavitation combined with sweep cleaning technology provides superior cleaning compared to other industrial methods. Our equipment ensures complete surface-contaminant removal for both small and large applications.

Speed

Industrial ultrasonic cleaning cycles typically complete in under 10 minutes. Cleaning time varies based on component size, composition, contaminants, and cleaning parameters.

Extended Parts Life

High-quality cleaning improves parts efficiency and reduces stress caused by partially cleaned surfaces or damage from alternative cleaning methods.

Frequently Asked Questions

After Sales Services

1-year warranty included. During warranty period, replacement parts are provided free of charge. Technical support remains available after warranty expiration.

Advantages Over Traditional Cleaning Methods

- Minimizes manual labor requirements
- Cleans and degreases without organic solvents
- Reaches hard-to-access areas and removes all dirt types
- Shortens extraction, dispersion, purification, and chemical reaction processes
- Eliminates costly mechanical and chemical heat exchanger cleaning

Optimal Frequency Selection

Frequency selection depends on pollutant types. 28kHz provides stronger cleaning for automotive parts (oils, grease, pastes). 40kHz suits PCB boards and electronic components. Higher precision goods require higher frequencies.

Parts Safety

Ultrasonic cleaning is safe for most parts. While thousands of implosions per second create powerful cleaning action, the process remains safe for components when used properly.



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