

## Durable Industrial Ultrasonic Cleaner 38L 28/40KHz 0~99 Minutes Adjustable Timer

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SkyMen
- Certification: RoHS, CE, FCC, SGS
- Model Number: JP-2012H
- Minimum Order Quantity: 1
- Price: Negotiation
- Packaging Details: Wooden case
- Delivery Time: In Stock
- Payment Terms: T/T
- Supply Ability: 800 pcs per month



#### Product Specification

- Model: JP-2012H
- First Tank Volume: 38L
- First Tank Size: 500X300X250mm
- Transducers: 12pcs; 50W Of Every Transducer
- Ultrasonic Power: 600W
- Heating Power: 1500W
- Heating Power Of Dryer: 750W
- Frequency: 28/40KHz
- Highlight: automotive ultrasonic cleaner, ultrasonic cleaning device



## Product Description

### 38L-1000L Ultrasonic Cleaner For Engine Block, Geer wirth Drying System 28/40KHz

#### Specification

Model	JP-2012H
1st Tank Volume	38L
2nd Tank Volume	38L
First tank size	500X300X250mm
Second tank size	550X400X250mm
Transducers	12pcs 50W of every transducer
Ultrasonic Power	600W
Heating Power of Ultrasonic tank	1500W
Heating Power of Drying tank	750W
Frequency	28KHz/40KHz
Drying System	1 set
Unit size	1450*500*850mm
Packing size	1550*600*1000mm
Timer	0~99 minutes adjustable
Heater	Room temperature~99°C adjustable
Material	SUS 304 default, can be SUS 316
Power Supply	AC 220V 3 phase ; AC 380V 3 phase
N.W.	150G
G.W.	180KG Wrapped by film in wooden case
Lead time	18 working days
Warranty	1 year warranty period, technique support all time
Certificates	CE, RoHS, FCC, SGS
Advantage	Filter the dirty water; keep the water clear in tank; lower the frequency of changing water

#### Suggested Ultrasonic Cleaning Procedure

In all cases manufacturers' instructions should be followed when using an ultrasonic cleaning process. These are representative steps.

Fill the ultrasonic cleaning tank with an approved medical instrument cleaning solution such as CLN-LR012 available from Tovatech following dilution instructions provided. Turn the cleaner on to start the degassing process. This step removes entrained air in new solutions that interferes with the efficiency of cavitation and takes approximately 10 minutes.

In the meantime:

Segregate instruments by alloy or composition to avoid potential damage (Chromium plated instruments should not be cleaned ultrasonically)

Instruments with movable parts should be disassembled to facilitate cleaning

Place the instruments the ultrasonic cleaner's mesh basket, taking care that they do not come in contact with each other  
Cannulated or lumened instruments should be positioned to insure interiors are wetted with the cleaning solution. In some instances placing them on an angle will facilitate this

Set the control panel per manufacturers' instructions and start the cleaning process

At the end of the cycle, remove the instruments from the ultrasonic cleaning bath and thoroughly rinse them to remove all traces of the cleaning solution. Deionized water rinses will avoid spotting. If the instruments are not to be immediately disinfected and sterilized be certain that they are thoroughly dried and protected. Part reassembly can occur after sterilization. Procedures should be in place to guide the replacement of used ultrasonic cleaning solutions. In some instances it is recommended that solution be drained and tanks thoroughly cleaned and dried after each ultrasonic cleaning cycle. Most solutions available today are biodegradable, which facilitates disposal but local authorities should be consulted on proper practices.

#### Same series with different size for your choice:

Model	Size of every tank L*W*H (mm)	Tank Volume (L)	Ultrasonic Power (W)	Heating Power of Ultrasonic tank (W)	Heating Power of drying tank (W)	Transducer (pcs)
<b>JP-2012H</b>	<b>500X300X250</b>	<b>38L*2</b>	<b>600W</b>	<b>1500W</b>	<b>750W</b>	<b>12pcs</b>
JP-2018H	500X350X300	53L*2	900W	1500W	750W	18pcs
JP-2024H	550X400X350	77L*2	1200W	3000W	750W	24pcs
JP-2030H	550X450X400	99L*2	1500W	3000W	750W	30pcs
JP-2036H	600X500X450	135L*2	1800W	4500W	750W	36pcs
JP-2048H	700X500X500	175L*2	2400W	6000W	750W	48pcs
JP-2060H	800X600X550	264L*2	3000W	6000W	750W	60pcs
JP-2072H	1000X600X600	360L*2	3600W	9000W	750W	72cs

JP-2108H	1000X900X600	540L*2	5400W	18000W	1100W	108pcs
JP-2144H	12000*1000*800	960L*2	7200W	24000W	1500W	144pcs

Images:

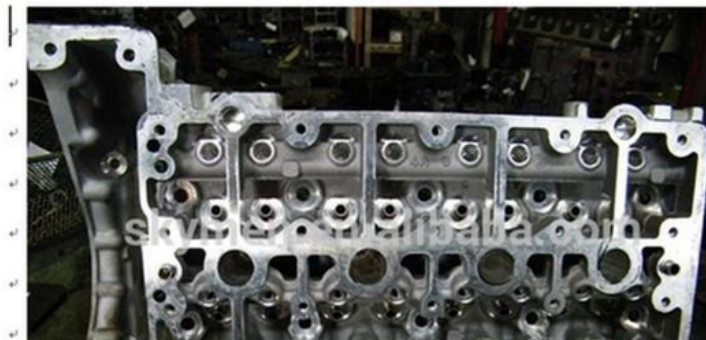


Clean effect:

Engine block with heavy oil before cleaning (photo from customer workshop):

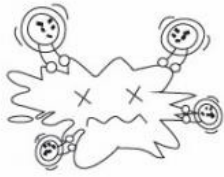


Engine block photo after cleaning by Skymen ultrasonic cleaner (from customer):

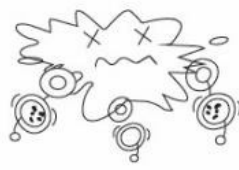


## DIRT ELIMINATION PROCESS THROUGH ULTRASONIC TECHNOLOGY

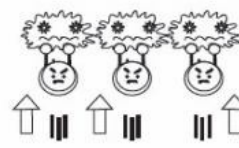
- Cleaning effect will be much better if using the machine together with proper solvent.



As ultrasonic wave through the solution in the tank, cause alternating high and low pressures in the solution.



During the low pressure stage, millions of microscopic bubbles form and grow. This process is called "CAVITATION".



During the high pressure stage, the bubbles implode releasing enormous amounts of energy. They work in all directions, attacking surface and invading all recesses and openings.

### How do I know what size of ultrasonic cleaner is best for my operation?

The two points you should think about,

- How about your cleaning volume? For very little small part, a table top ultrasonic are able to do this job. For large size and huge volume, you should consider industrial ultrasonic cleaner , for highest cleanness level , multi-stage ultrasonic cleaning system are recommend.
- The size of cleaning object, it can fit in the basket fully immersed under water.

#### History:

Skyemen Cleaning Equipment Shenzhen Co., Ltd., was founded in 2007, which follows the brand development strategy of "based in Shenzhen, radiating throughout the country, expanding overseas".

Skyemen also owns a professional R&D team to keep the pace with international ultrasonic technology. A passionate and young sales team sell to the world through different channels.



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