

1200W SUS304 Ultrasonic Cleaning System Three Stage Wash Rinse Dry SUS316

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SkyMen
- Certification: RoHS, CE, FCC, SGS
- Model Number: JTM-3024AD
- 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

- Working Way: Automated
- 1st Stage: Ultrasonic Cleaning
- 2nd Stage: Ultrasonic Rinsing
- 3rd Stage: Hot Air Drying
- Item Movement: By Mechanical Arm
- Ultrasonic Power: 1200W
- Highlight: **1200W Ultrasonic Cleaning System,
SUS304 Ultrasonic Cleaning System,
SUS316 Heated Ultrasonic Cleaner**

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Product Description

Automated Three Stage (Wash, Rinse, Dry) Ultrasonic Cleaning System by Ultrasonic Power Corporation

Skymen most popular patented automatic parts washer, Advantage not only transfer baskets, but also includes several cleaning-enhancing design features to clean even the most complex parts.

Advange:

Includes many other design features to adjust cleaning action for any part design.

Permits agitation of parts during cleaning and rinsing stages to flush contaminants from blind holes, cavities, and other detailed areas of the parts.

Increases ultrasonic scrubbing action on parts by up to 500% by supporting batches of parts from overhead rather than from underneath.

Overhead suspension design allows for parts loads which are hundreds of pounds in weight.

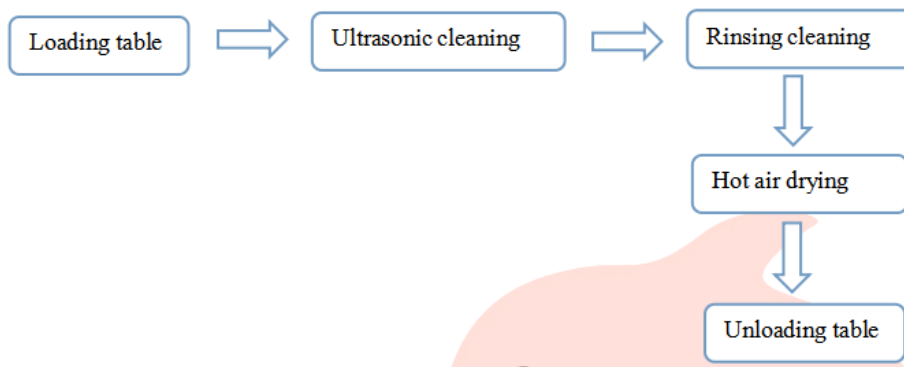
Equipment structure

This equipment is mainly composed of: filtration system, PLC control system, stainless steel cleaning tank, customized cleaning basket, drying system, single-arm manipulator system, bubbling system, loading and unloading table, etc.

Specification sheet:

| | | | |
|-------------------------|------------------------|---|---|
| 1 | Model | JTM-3024AD | |
| 2 | 1st Chamber | Function | Ultrasonic cleaning + Filter+ Hot water cleaning |
| | | Ultrasonic Frequency | 28/40kHz (other frequency can be customized) |
| | | Tank Material | SUS304 (SUS 316 can be customized) |
| | | Thickness of tank | 2mm |
| | | Inner tank dimension | 500*300*250mm |
| | | Tank Capacity | 38L |
| | | Transducer | 12pcs |
| | | Ultrasonic Power | 600W |
| | | Heating Power | 1500W |
| | | Time setting of Ultrasonic | 0~99 hours |
| | | Temperature setting | Room temperature ~ 95°C adjustable |
| | | Drain value | Yes |
| | | Water inlet/outlet | Yes |
| | | Filter | 1 set, connect with 1st tank |
| | | Size of filter tank | 400*300*250mm |
| | | Filtet element precision | 5/10μ |
| | | Generator | 1pcs |
| Generator power control | 600W | | |
| Basket | Yes | | |
| Basket load | 150KG | | |
| 3 | 2nd Chamber | Function | Ultrasonic cleaning + Bubbling + Hot water cleaning |
| | | Ultrasonic Frequency | 28/40kHz (other frequency can be customized) |
| | | Tank Material | SUS 304 (SUS 316 can be customized) |
| | | Thickness of tank | 2mm |
| | | Inner tank dimension | 500*300*250mm |
| | | Tank Capacity | 38L |
| | | Transducer | 12pcs |
| | | Ultrasonic Power | 600W |
| | | Heating Power | 1500W |
| | | Time setting of Ultrasonic | 0~99 hours |
| | | Temperature setting | Room temperature ~ 95°C adjustable |
| | | Drain value | Yes |
| | | Water inlet/outlet | Yes |
| | | Bubbling system | Yes, air compressor is provided by user |
| | | Generator | 1pcs |
| | | Generator power control | 600W |
| | | Basket | Yes |
| Basket load | 150KG | | |
| 3 | 3rd Chamber | Function | Hot air drying tank |
| | | Inner tank dimension | 500*300*250mm |
| | | Turbines power | 750W |
| | | Dryer power | 3000W |
| 4 | Working way of machine | Working way | Full automatic |
| | | Loading and unloading platform | Yes |
| | | Moving way of basket | By mechanical arm |
| | | Control way | PLC touch screen |
| 5 | Warranty | 1 year warranty for spare parts, all life technical support | |
| 6 | Certificate | CE, RoHS; FCC, REACH | |
| 7 | Production time | 35 working days after deposit | |

Cleaning process: (cleaning direction: from left to right)



Working way

The entire process of putting the basket into the cleaning tank, removing the basket and moving the basket between the tanks is automatically completed by a single-arm manipulator. This ultrasonic cleaning machine has a total of 3 working tanks, plus 1 loading and unloading station, a total of 4 stations .

Travel mechanism configuration list

1,Form: The entire process of putting the basket into the cleaning tank, removing the basket and moving the basket between the tanks is completed by a single-arm manipulator.

2,Loading and unloading

(a) Purpose: Put the cleaning rack on the feeding rack manually and wait for cleaning;

(b) Material: All stainless steel + aluminum alloy bracket + belt

(c) Power: With brake motor, equipped with infrared photoelectric sensor switch, intelligent induction start and stop.

3,Swing system

(a) It is equipped with mechanical swing up and down, equipped with HP motor and tooth box.

(b) The swing frame is all made of stainless steel.

4,Mechanical transport system

(a) The entire process of putting the basket into the cleaning tank, removing the basket and moving the basket between the tanks is automatically completed by the manipulator.

(b) Stainless steel and engineering plastics, etc.

(c) Structure:

The vertical lifting mechanical transmission of the automatic manipulator (single arm) is driven by a W brake motor, equipped with a tooth box flange type, and is driven by a stainless steel chain, equipped with guide rails and sliding blocks to maintain balance and stability; the horizontal movement of the automatic manipulator (single arm) is mechanically driven by W servo motor is equipped with tooth box flange type, equipped with guide rail, sliding block and rack and pinion to maintain balance and stability; it is driven by heavy-duty drive rubber wheels.

(d) Control

All driving parameters can be adjusted in the man-machine interface. All movable wires and signal line of the automatic manipulator system are protected and operated by tank rails.

5,Whole machine outer packaging (beautiful and dustproof type):

The shell support of the cleaning room is made of 40×40 and 40×80 universal aluminum tanks. The shell is packaged with 1.0mm thick electrolytic board powder spraying and acrylic board movable doors and transparen

Same series with different size for your choice:

| Model | Size of every tank | Tank Volume | Ultrasonic Power | Heating Power of Ultrasonic tank | Heating Power of drying tank | Transducer |
|------------|--------------------|-------------|------------------|----------------------------------|------------------------------|------------|
| | L*W*H (mm) | (L) | (W) | (W) | 750W | (pcs) |
| JTM-3024AD | 500X300X250 | 38L*3 | 600W | 1500W*2 | 750W | 24pcs |
| JTM-3036AD | 500X350X300 | 53L*3 | 900W | 1500W*2 | 750W | 36pcs |
| JTM-3048AD | 550X400X350 | 77L*3 | 1200W | 3000W*2 | 750W | 48pcs |
| JTM-3060AD | 550X450X400 | 99L*3 | 1500W | 3000W*2 | 750W | 60pcs |
| JTM-3072AD | 600X500X450 | 135L*3 | 1800W | 4500W*2 | 750W | 72pcs |
| JTM-3096AD | 700X500X500 | 175L*3 | 2400W | 6000W*2 | 750W | 96pcs |
| JTM-3120AD | 800X600X550 | 264L*3 | 3000W | 6000W*2 | 750W | 120pcs |
| JTM-3144AD | 1000X600X600 | 360L*3 | 3600W | 9000W*2 | 750W | 144pcs |
| JTM-3216AD | 1000X900X600 | 540L*3 | 5400W | 18000W*2 | 1100W | 216pcs |
| JTM-3288AD | 1200*1000*800 | 960L*3 | 7200W | 24000W*2 | 1500W | 288pcs |

Images:



Clean effect:



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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