



FCC Automatic Ultrasonic Cleaner Agitation Drying Filtration Lifting For Parts

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SkyMen
- Certification: RoHS, CE, FCC, SGS
- Model Number: JTM-3096AD
- 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

- Functions: Cleaning, Heating, Cooling, Drying, Etc
- Item Movement: By Automatic Arm
- Working Way: Automatic Working
- Material: Stainless Steel SUS304 316
- Cleaning Process: Ultrasonic Cleaning
- Machine Type: Industrial Ultrasonic Cleaner
- Function: Customize Support
- PLC Control: Yes
- Highlight: **Agitation Drying Automatic Ultrasonic Cleaner, FCC Automatic Ultrasonic Cleaner, Filtration Lifting industrial ultrasonic parts cleaner**



Product Description

FCC Automatic Ultrasonic Cleaner Agitation Drying Filtration Lifiting For Parts

Skymen offers multi-step aqueous ultrasonic cleaning, high purity deionized water rinse, multi-frequency variable power ultrasonic and hot air drying to clean organic residues to ppb (parts per billion) levels and remove down to 0.1 microns. The process has been established for high-spec, high-volume cleaning applications including base casting, top cover, computer disk drive (HDD) components such as head stack assemblies (HSAs) for the world's leading hard disk drive manufacturers.

Multi-head Autotrans automation with pick-and-place operations allows each Autotrans head to release baskets in process tanks while performing other transfers. Autotrans Program Intelligence continuously monitors basket position to maximize throughput and system integrity.

Automatic Ultrasonic Cleaner's Cleaning Specification:

1	Model	JTM-3096AD	
2	1st Chamber	Function	Ultrasonic cleaning + Filter+ 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	700*500*500mm
		Tank Capacity	175L
		Transducer	48pcs
		Ultrasonic Power	2400W
		Heating Power	6000W
		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	500*300*300mm
		Filtet element precision	5/10μ
		Generator	1pcs
		Generator power control	2400W
		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	700*500*500mm
		Tank Capacity	175L
		Transducer	48pcs
		Ultrasonic Power	2400W
		Heating Power	6000W
		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	2400W
		Basket	Yes
		Basket load	150KG
3	3rd Chamber	Function	Hot air drying tank
		Inner tank dimension	600*500*450mm
		Turbines power	750W
		Dryer power	3000W
4	Working way of machine	Working way	Full automatic
		Loading and unloding 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	

Automatic Ultrasonic Cleaner's Cleaning Process(cleaning direction: from left to right)

Loading table - Ultrasonic cleaning - Rising cleaning - Hot air drying - Unloading table

Automatic Ultrasonic Cleaner's Working Way

The entire process of placing the baskets in the cleaning tank, removing the baskets, and moving the baskets between the

tanks is done automatically by a single-arm manipulator. The ultrasonic cleaning machine has 3 working tanks and 1 loading and unloading station, a total of 4 stations.

Automatic Ultrasonic Cleaner's Same Series With Different Size for Your Choice:

Model	Size of every tank	Tank Volume	Ultra sonic 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	12000*1000*800	960L*3	7200W	24000W*2	1500W	288pcs

Images:

Automatic Ultrasonic Cleaner's Features

Comparing with the traditional ultrasonic cleaner could remove dirt, oils, lubricants, carbon, and other types of grime that build up on objects. Grooves, internal passageways, hidden corners, seals, and other hard to reach areas are cleaned easily, eliminating hours of disassembling and reassembling complex parts. Saving time and Cost.

Why Ultrasonic Cleaner ?

Cavitation, the collapse of millions of tiny bubbles created by ultrasonic vibrations, releases high energy and enormous cleaning power. This cleaning action gently and thoroughly removes dirt, oil, and contaminants from every surface in contact with the cleaning fluid. Because the liquid can penetrate into very small crevices, ultrasonic cleaning can clean intricate items that cannot be cleaned by hand.

Automatic Ultrasonic Cleaner's Application:

Electronic factory, utensil, hardware, machinery, communication, biological, medical instrument, glasses, optical, textile, auto parts, ships, aviation, mining area, commercial cleaning
Kitchen industry, medical industry, electronic factory, molding factory, car workshop, diesel workshop, car industry, scientific laboratory, university, dental clinics, eyeglass shop, hardware tools shop.

Automatic Ultrasonic Cleaner's Warranty:

1 Year warranty & lifetime technical support for Skymen ultrasonic cleaner.

If any technical problem during warranty time, replacement parts will be sent free of charge. And technical support is also available after 1 year.

Automatic Ultrasonic Cleaner's Cleaning Effect:

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FAQ:

Q: What frequency is better for my parts?

A: Frequency is suggested based on pollutants in the objects.

28kHz frequency is stronger, better for car/motor/truckessel parts clean (remove oils, grease, pastes, etc.)

40kHz is better for pcb boards, electronic parts, etc.

Higher precision goods, higher frequency.

Q: Can ultrasonic cleaning damage parts?

A: Although the effect of thousands of implosions per second is very powerful, the cleaning process is safe. No damage to your daily objects.

Q: What cleaning solution should I use?

A: A large variety of different formulas designed for specific applications. Proper selection is crucial for acceptable cleaning activity and to prevent unwanted reactions with the workpiece.

Q: Is rinsing after cleaning cycles?

A: Rinsing is recommended to remove any chemical residue that could be harmful to the part. Details can be rinsed right in your ultrasonic cleaner or in a clean water bath or in a separate sink tap, distilled or deionized water.

Company's Introduction

Shenzhen Skymen Cleaning Equipment Co., Ltd. is a large-scale manufacturer, a national high-tech enterprise, established in 2007. With more than 200 employees and factories, we specialize in the research and development of ultrasonic equipment and cleaning solutions for more than 15 years. The area is 20,000 square meters.

Skymen has two factories, one in Shenzhen and one near Hong Kong. The other is in Shaoguan City, Guangdong Province, China.

There are more than 120 patents and certificates. Our product range includes household ultrasonic cleaners, commercial ultrasonic cleaners, ultrasonic vibrating rod series, ultrasonic vibrating disc series, large-scale hydrocarbon cleaning equipment PLC, large-scale ultrasonic vacuum cleaning equipment, etc.

Products include CE, FCC, PSE, KC and other safety certification, ROHS, PAHS, REACH, SCCP environmental certification, and passed the factory audit BSCI, ISO9001 quality control system.



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