



## Automated Multi Stage 40khz Ultrasonic Cleaner 175L With Touch Screen

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SkyMen
- Certification: RoHS, CE, FCC, SGS
- Model Number: JTM-4096AD
- 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 Mechanical Arm
- Working Way: Automated
- Material: SUS304/SUS316
- Machine Type: Industrial Ultrasonic Cleaner
- Control Type: PLC Control
- Highlight: **Multi Stage 40khz Ultrasonic Cleaner, PLC Control 40khzUltrasonic Cleaner, Automated Ultrasonic Cleaner 175L**



## Product Description

### High Tech Multi-Stage Automatic Ultrasonic Cleaning Line Machine With PLC Control Touch Screen

Sky men provides multi-stage Automatic Ultrasonic Cleaning Line Machine, high purity deionised water rinsing, multi-frequency variable power ultrasonics, and hot air drying to remove organic residues down to ppb (parts per billion) levels and particulate contamination to 0.1 microns

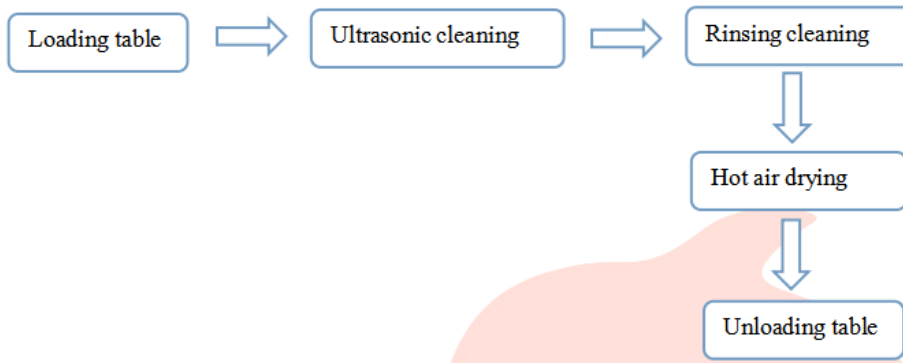
The process is well established for high specification, high volume cleaning applications, including computer disk drive (HDD) components such as base castings, top covers and head stack assemblies (HSAs) for the world's leading Hard Disk drive manufacturers.

Multi-head Autotrans automation with pick and place operation allows each Autotrans head to release baskets in process tanks while performing other transfers. Autotrans program intelligence continuously monitors basket positions to maximise throughput and system integrity.

#### Automatic Ultrasonic Cleaning Line Machine's Specification:

1	Model	JTM-4096AD	
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 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	

#### Automatic Ultrasonic Cleaning Line Machine's Cleaning process: (cleaning direction: from left to right)



#### Automatic Ultrasonic Cleaning Line Machine's 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 .

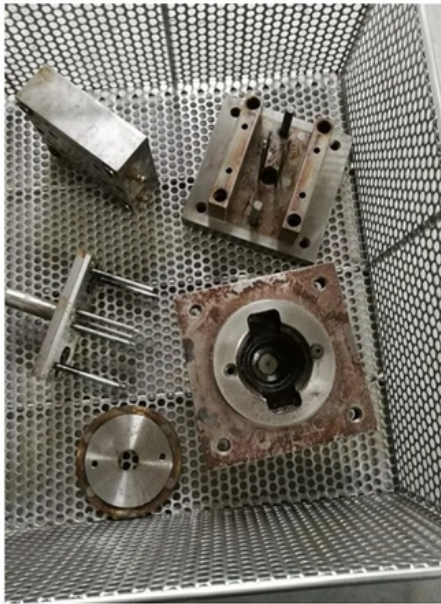
#### Automatic Ultrasonic Cleaning Line Machine's Same series with different size for your choice:

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	12000*1000*800	960L*3	7200W	24000W*2	1500W	288pcs

#### Automatic Ultrasonic Cleaning Line Machine's Images:



#### Automatic Ultrasonic Cleaning Line Machine's Clean effect:



#### **Automatic Ultrasonic Cleaning Line Machine's History:**

Skymen was founded in 2007, Skymen Group is an ultrasonic cleaning equipment manufacturer integrating R &D, production, sales and service .It specializes in providing ultrasonic cleaning technology solutions for global customers , and is committed to becoming a world-leading

"ultrasonic cleaning equipment Comprehensive service provider of the whole value chain".

Rooted in the ultrasonic cleaning industry for more than ten years, Skymen Group has been focusing on the research and development of comprehensive services for ultrasonic cleaning technology-related products . It is a national high-tech enterprise and a \*specialized and special new enterprise\* in Shenzhen. It has several subsidiaries such as Shenzhen Skyman, Guangdong Skyman, Guangzhou Kemeng. Shaoguan Skyman, Skyman Acoustics Group (Hong Kong). etc., which are distributed in various parts of South China. It has passed ISO9001, ISO 1400 1. etc., and has various There are highly educated and high-tech personnel, there are many well-known brands, and more than 100 patents have been successfully applied .The products mainly include industrial equipment, commercial equipment, and household health ultrasonic cleaning machines, which are widely used in factory manufacturing. medical treatment, plastic products, transportation, electronic products, new energy and other major fields. Customers are located in more than 100 countries and regions around the world.

More than ten years of rapid development has enabled the company to gradually establish a complete sales system, forming the corporate characteristics of rich products, convenient supply, reasonable prices, and global services . In the future, Skyman people will be more forging ahead, pioneering and innovating , in order to implement the company's vision of "gradually becoming a respected international and diversified century-old enterprise" and "making the world cleaner and human beings healthier; creating beauty and serving The mission of "society" is unremitting efforts, and it is also making unremitting efforts to build the world's leading "integrated service provider of the whole value chain of ultrasonic cleaning equipment"



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