Our Product Introduction

# **BSCI 2400W Automatic Ultrasonic Cleaner 175L With Filtration Hot Air Drying**

## **Basic Information**

. Place of Origin: Shenzhen, China

. Brand Name: Skymen

RoHS, CE, FCC, SGS · Certification:

JTM-3096AD Model Number:

• Minimum Order Quantity:

• 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: Stainless Steel SUS304 Cleaning Process: Ultrasonic Cleaning

Machine Type: Industrial Ultrasonic Cleaner

• Highlight: **BSCI** Automatic Ultrasonic Cleaner, 2400W Automatic Ultrasonic Cleaner,

175L Ultrasonic Cleaning Machine



## **Product Description**

## BSCI 175L 2400W Automatic Ultrasonic Cleaner With Filtration Hot Air Drying Function For Bearings

Skymen provides multi-stage aqueous ultrasonic cleaning, 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

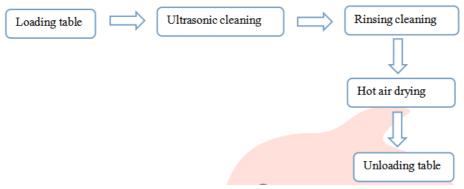
The process is well established for high specification, high volume cleaning applications, including computer disk drive (HDD) components such as base castings, top covers and head stack assemblies (HSAs) for the world's leading Hard Disk drive manufacturers.

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.

#### Specification sheet:

Function Ultrasonic cleaning + Filter+ Hot water clear 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 Power Water inlet/outlet Yes Filter 1set, connect with 1st tank Size of filter tank 500°300°300mm Filtet element precision 5/10µ Generator power control 2400W Basket Yes Basket load 150KG Function Ultrasonic Cleaning + Bubbling + Hot water cleaning Ultrasonic Frequency 28/40kHz (other frequency can be customized) Thickness of tank 2mm Inner tank dimension 700°500°500mm Tank Capacity 175L Transducer 48pcs Ultrasonic Power 2400W Heating Power 15mc 48pcs Ultrasonic Power 2400W Heating Power 66000W Time setting of 0-99 hours Ultrasonic Power 2400W Heating Power 15mc 6000W Time setting of 0-99 hours Ultrasonic Power 2400W Heating Power 16000W Time setting of 0-99 hours Ultrasonic Power 2400W Heating Power 15mc 6000W Time setting of 0-99 hours Ultrasonic Power 2400W Heating Power 15mc 6000W Time setting of 0-99 hours Ultrasonic Power 2400W Heating Power 15mc 6000W Time setting O-99 hours Ultrasonic Power 2400W Heating Power 15mc 6000W Time setting of 0-99 hours Ultrasonic Power 2400W Heating Power 15mc 6000W Time setting O-99 hours Ultrasonic Power 2400W Heating Power 15mc 6000W Time setting O-99 hours Ultrasonic Power 2400W Heating Power 7500K  Working way 15mc 750W Dryer power 3000W Under Index dimension 600°500°450mm Turbines power 750W Dryer power 3000W Working way 5 pull automatic Ves Working way 6 pull automatic Control way PLC touch screen Type Touch screen		cification sh							
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Function  Function    Ultrasonic cleaning + Bubbling + Hot water cleaning									
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   Temperature setting   Room temperature ~ 95°C adjustable   Drain value   Yes   Water inlet/outlet   Yes   Bubbling system   Yes, air compressor is provided by user   Generator   Generator   1pcs   Generator power control   2400W   Basket   Yes   Basket   Yes   Basket   Oad   150KG   Function   Hot air drying tank   Inner tank dimension   600*500*450mm   Turbines power   750W   Dryer power   3000W   Working way   Full automatic   Loading and unloding platform   Working way of machine   Moving way of basket   By mechanical arm   Control way   PLC touch screen   Support   Supp	_		Basket load	I					
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Drain value  Water inlet/outlet  Bubbling system  Generator  Generator  Generator power control  Basket  Basket Yes  Basket load  Turbines power  Dryer power  Working way of machine  Working way  Tontrol way  Water inlet/outlet  Yes  Bubbling system  Yes, air compressor is provided by user  1pcs  Generator  1pc									
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Generator power control 2400W  Basket Yes  Basket load 150KG  Function Hot air drying tank  Inner tank dimension 600*500*450mm  Turbines power 750W  Dryer power 3000W  Working way Full automatic  Loading and unloding platform Moving way of basket By mechanical arm  Control way PLC touch screen  5 Warranty 1 year warranty for spare parts, all life technical support									
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Basket load 150KG  Function Hot air drying tank  Inner tank dimension 600*500*450mm  Turbines power 750W  Dryer power 3000W  Working way Full automatic  Loading and unloding platform Moving way of basket By mechanical arm  Control way PLC touch screen  5 Warranty 1 year warranty for spare parts, all life technical support									
3 3rd Chamber  Function Hot air drying tank Inner tank dimension 600*500*450mm  Turbines power 750W  Dryer power 3000W  Working way Full automatic  Loading and unloding platform Moving way of basket By mechanical arm  Control way PLC touch screen  5 Warranty 1 year warranty for spare parts, all life technical support									
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Working way  Uoading and unloding platform  Moving way of basket  Control way  Working way  Full automatic  Yes  By mechanical arm  Control way  PLC touch screen  Warranty  1 year warranty for spare parts, all life technical support									
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16 ICertificate ICE RoHS: ECC REACH									
	6	Certificate	CE, RoHS; FCC, REACH						
7 Production 35 working days after deposit	7		135 WORKING GAVS ATTER GEDOSIT						
time   constraints deposit		time	3,						

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 .

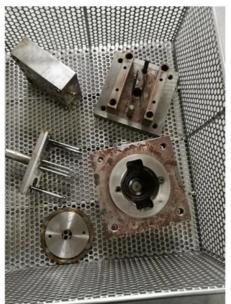
## Same series with different size for your choice:

Model	Size of every tank	Tank Volume	Ultrasoni c Power	Heating Power of Ultrasonic tank	Heating Power of drying tank	Transducer
	L*W*H (mm)	(L)	(W)	(W)	750W	(pcs)
JTM-3024AD	500X300X 250	38L*3	600W	1500W*2	750W	24pcs
JTM-3036AD	500X350X 300	53L*3	900W	1500W*2	750W	36pcs
JTM-3048AD	550X400X 350	77L*3	1200W	3000W*2	750W	48pcs
JTM-3060AD	550X450X 400	99L*3	1500W	3000W*2	750W	60pcs
JTM-3072AD	600X500X 450	135L*3	1800W	4500W*2	750W	72pcs
JTM-3096AD	700X500X 500	175L*3	2400W	6000W*2	750W	96pcs
JTM-3120AD	800X600X 550	264L*3	3000W	6000W*2	750W	120pcs
JTM-3144AD	1000X600 X600	360L*3	3600W	9000W*2	750W	144pcs
JTM-3216AD	1000X900 X600	540L*3	5400W	18000W*2	1100W	216pcs
JTM-3288AD	12000*100 0*800	960L*3	7200W	24000W*2	1500W	288pcs

## Images:



#### Clean effect:





#### History:

Skymen 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".

Skymen 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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