Sus304 Tank Immersible Ultrasonic Transducer Tubular Water Drop Skymen

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Skymen
- Certification: CE ROHS FCC SGS
- Model Number: JM-1006
- Minimum Order Quantity: 1 unit
- Price: USD730~800USD / SET
- Packaging Details: 1unit per carton / wooden case
- Delivery Time: In Stock
- Payment Terms: T/T
- Supply Ability: 8000 pcs per month

Product Specification

- Rod Size: 57*300mm (Diameter*length)
- Material: SUS304/SUS316
- Flange: Available
- Generator: Yes
- Transducer: 6pcs
- Ultrasonic Power: 300W
- Highlight: **Sus304 Tank Immersible Ultrasonic Transducer**, **300W Immersible Ultrasonic Transducer**, **Skymen Industrial Ultrasonic Transducer**

More Images

Our Product Introduction

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Product Description

Immersible Ultrasonic Transducer Tubular Water-drop for cleaning tank Sus 304 SUS316

What is it?

Ultrasonic Tubular Submersible Transducer are also called submersible transducer probe. Industrial applications using ultrasonic bar for cleaning, extraction, chemical reaction, anti-scaling, water treatment, etc., are very mature and widely used technologies.

Ultrasonic tubular transducer rod use the alternating period of positive and negative pressures in the transmission process of ultrasonic waves. When its phase is in the positive phase, the media molecules are squeezed to increase the original density of the medium. In the negative phase, the medium molecules are sparse and discrete, and the medium density is Decrease. Ultrasonic transducer bar can generate ultrasonic waves around 360°, and the energy output is not affected by changes in the load level, temperature, etc. Ultrasonic transducer bar generally include high-power ultrasonic transducers, horns, and tool heads.), used to generate ultrasonic vibrations and emit this vibration energy into the liquid. The transducer converts the input electrical energy into mechanical energy, ie ultrasonic waves. The manifestation is that the transducer moves back and forth in the longitudinal direction with an amplitude of typically several micrometers. This kind of amplitude power density is not enough and cannot be used directly. The horn magnifies the amplitude as designed, isolates the reaction solution and the transducer, and also fix the entire ultrasonic vibration system. The tool head is connected to the horn, and the horn transfers the ultrasonic energy vibration to the tool head. The tool head then transmits the ultrasonic energy into the chemical reaction liquid.

Advantage

1. Ultrasonic cavitation occurs around the vibrating rod, and the ultrasonic energy is distributed very evenly around the rod.
2. The power output of the ultrasonic vibrator is not affected by the changes in the liquid level, tank capacity, and temperature difference, and the power output is stable and uniform.
3, ultrasonic transducer rod work life span is more than 1.5 times as traditional ultrasonic transducers box;
4. Ultrasonic transducer rod with round tube design makes it easy to install and use
5. ultrasonic immersible transducer rod is absolutely waterproof, safe to use.

Specification:

1) Product name: Tubular Submersible Transducers
2) Cleaning dimension (mm): 1000*57mm(Length * Diameter)
3) Housing material: SUS304
4) Ultrasonic frequency: 40KHZ
5) Ultrasonic transducers: 20pcs transducer assemble a transducer cleaning bar
6) Ultrasonic power: 1000W
7) Electronic generator: one unit ultrasonic generator separately control
8) Power supply: 220V, 50Hz, 1phase
9) With 10M cable length and Flange fixing lockable screws
10) Each set of transducer with single generator control
11) Packing method: Wooden case
12) With CE, ROHS, ISO9001 certificate
13) With 1 year warranty and technical support for life)

Similar models with different capacity:

Model	JM-1003	**JM-1006**	JM-1012	JM-1018	JM-1024	JM-1036
Frequency	40KHz	**40KHz**	40KHz	40KHz	40KHz	40KHz
Ultrasonic power	150W	**300W**	600W	900W	1200W	1800W
Voltage	**AC220~240V 50Hz;AC110-120V 60Hz**					
Diameter	57MM	**57MM**	57MM	57MM	57MM	57MM
Length	180MM	**300MM**	550MM	750MM	1000MM	1520MM
Material	SUS304	**SUS304**	SUS304	SUS304	SUS304	SUS304
Thickness	1.0MM	**1.0MM**	1.0MM	1.0MM	1.0MM	1.0MM

Feature:

1. The default frequency is 28/40KHz, if need other frequency(20/68/80/132KHz), then need to quote.
2. Tank material is SUS304, if need SUS316, then price is 20% higher
3. There is no Skymen Logo for this series machine on sale, can put customer's logo, MOQ is 2pcs.
4. This series machine is mainly for distributor to take up market.
5. All the box can be put in water to working directly, customer needs to weld tank by himself.

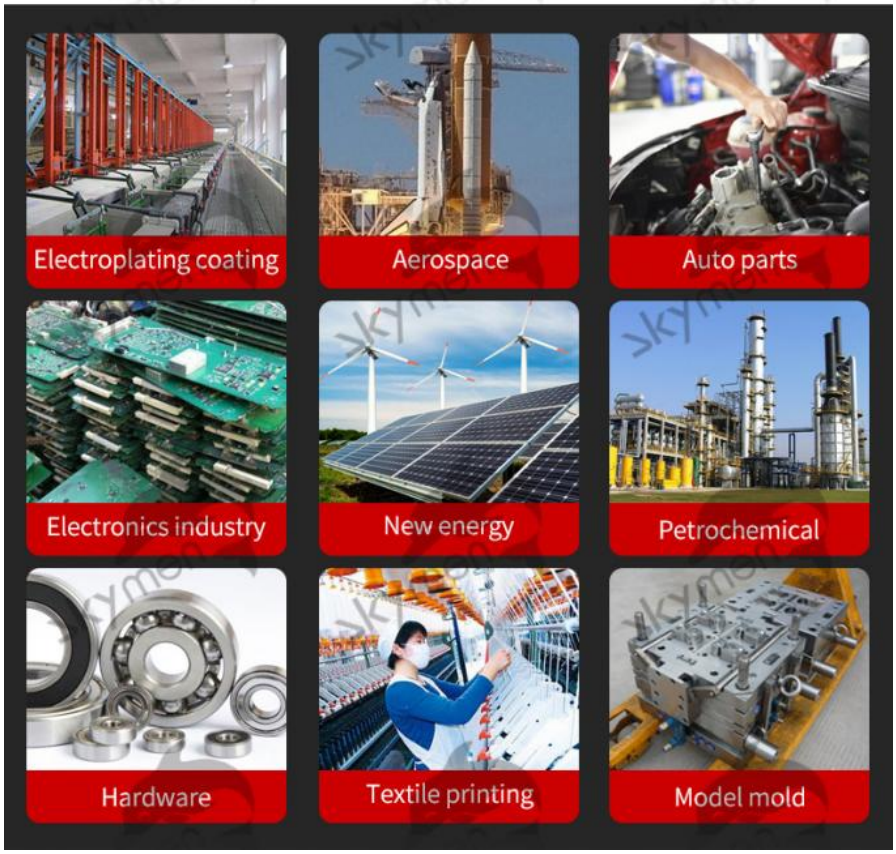
Actual usage scenarios

Ultrasonic extraction refers to the use of an ultrasonic extraction machine to use the strong cavitation effect, mechanical vibration, disturbance effect, high acceleration, emulsification, diffusion, crushing and stirring effects produced by ultrasonic radiation pressure to increase the movement of material molecules. The frequency and speed increase the penetration of the

solvent, thereby accelerating the entry of the target component into the solvent, and promoting the mature extraction technology of the extraction. Ultrasonic extraction technology is suitable for a wide range of extractants. Water, methanol, ethanol, etc. are all commonly used extractants, which have the advantages of simple operation and high extraction efficiency.

Application Industry

Applied in electromechanical, painting, aerospace, electroplating, automotive, electronics industry, prevent printing, new energy, petrochemical industry, etc.



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