

Yunyisonic Shenzhen Co., Ltd.

Standard for technical parameters of ultrasonic single-tank cleaning machine

[Principle of ultrasonic cleaning]

Ultrasonic transmission in the liquid when the sound pressure change make liquid strong cavitation and emulsification phenomenon, produce millions of tiny cavitation bubbles per second, these bubbles under the action of sound pressure, rapidly not fierce blasting, produce strong impact and negative pressure suction, enough to make stubborn dirt, the bacteria, virus kill.

[Advantages of ultrasonic cleaning]

Because ultrasound occurs in the whole liquid, the surface of all objects that can come into contact with the liquid is cleaned, and it is more unique to objects with complex gaps. Traditional manual or chemical cleaning often produces mechanical wear or chemical corrosion, and ultrasonic cleaning will not cause the slightest damage to the object. In addition, when the appropriate cleaning agent is used for the objects of different properties, the osmotic dissolution of the cleaning agent is strengthened by ultrasound and played most vividly, so the cleaning has a new look.

YM2480 / Single-slot ultrasonic cleaner

	parameter
Model number: YM2480 ultrasonic cleaning	capacity:88L Size of the inner groove: 550 * 400 * 400mm Product size: 690 * 540 * 750 (according to the actual production) Frequency: 28 khz / 40 khz (choose one of the two) Ultrasonic power: 1200w (adjustable power) Number of heads: 24 (installed at bottom) Heating power: 3.0KW Time control: 1-99 minutes or open Temperature control: Room temperature -85 degrees Celsius

	Inner slot 304 T2.0, housing 201 T1.0 Power input: 220v single phase (can be adjusted according to customer requirements) Standard power cord: 3m long Exit and drain valve: DN20 G3/4; DN25 G1 1 inch 1 external generator
Random accessories:	The size of the whole machine is determined according to the actual production 1 controller + 1 cleaning basket + hydraulic cover + power cord (the length can be determined according to the requirements) + instruction manual

Inner groove: SUS304 2.0mm thickened stainless steel welding groove is used, which has the advantages of super high corrosion resistance, good load bearing and light volume.

Outer groove: the outer groove body skeleton and shell will be made of stainless steel lace pressing edge, beautiful and more durable, the bottom will use universal wheel or fixed bracket to ensure the stability of the machine.

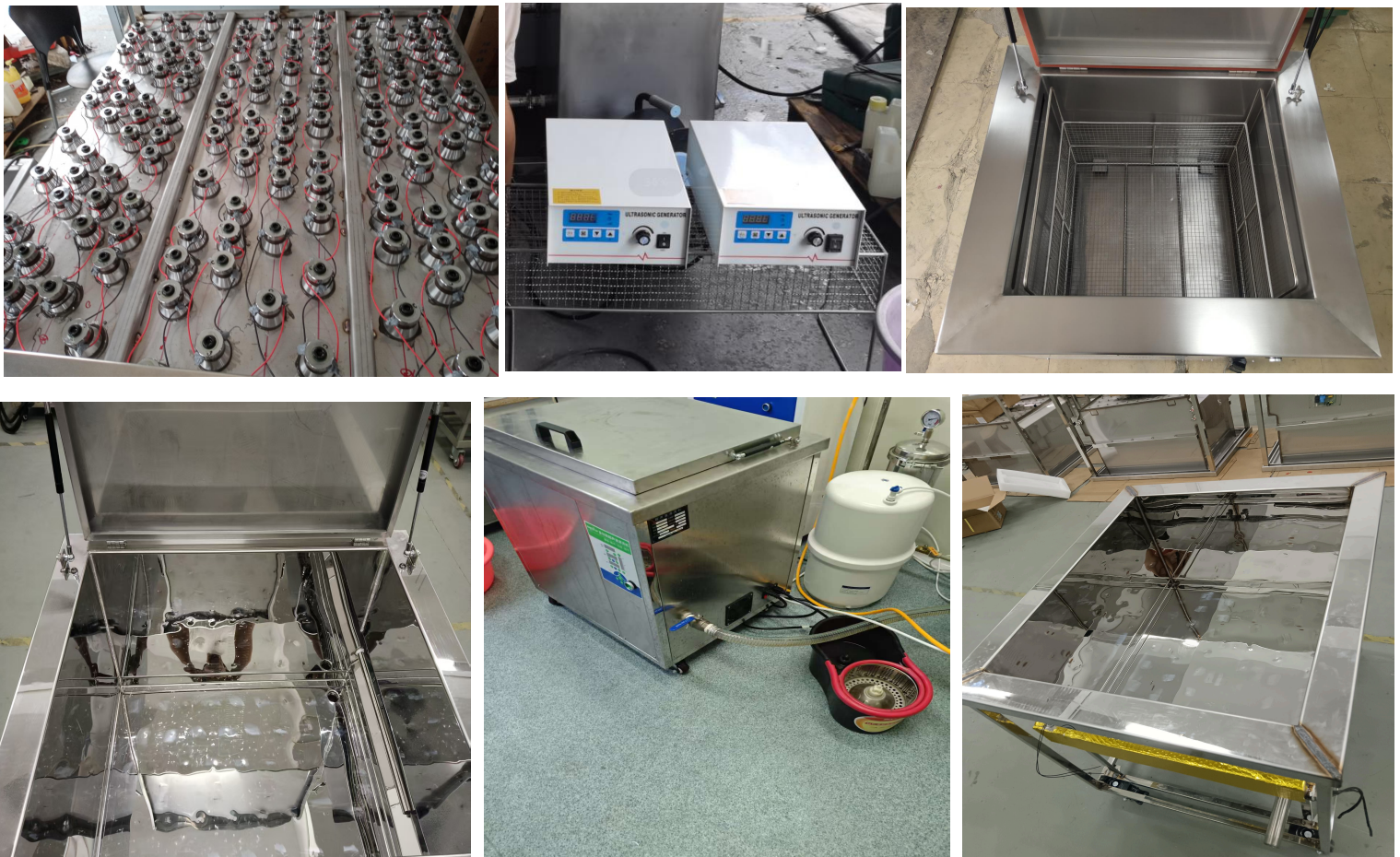
Heating module: the heating rod produced by domestic high-quality first-line brands, directly put into the water, can make great use of the heating efficiency in front of the hot rod, a baffle will be placed, so that the hands will not directly touch the heating rod, to ensure the safety of the human body.

Transducer: the vibration head of the ultrasonic cleaning machine is the own brand transducer, a single power of 50W a total of 36 (bottom vibration), made of embedded bottom vibration. Unique reverse bilateral thread structure, prevent the machine in high frequency vibration, the oscillator off, causing damage to the machine. The transducer adopts the transducer of ceramic vibration head, which is characterized by low heat, small amplitude, low capacitance, low heat can make the ceramic performance attenuation, long service life, can meet the cleaning requirements. Transducer will be installed with Korean high temperature fixation technology, with special high temperature adhesive and reverse bilateral thread structure fixed, more to ensure the stability and use of the machine.

Controller: the ultrasonic generator uses the shock circuit structure, which increases the output power by more than 30% more than the self-shock circuit structure. The ultrasonic amplifier circuit adopts linear amplification circuit and switching power supply circuit. High stability: full digital integrated circuit, using HMS-performance anti-interference processor imported from the United States, while reducing the number of components, simplifying the hardware structure, and increasing the pressure regulator function to improve the reliability and stability of the system. The intelligent closed loop amplitude control technology realizes the amplitude adjustment and maintains the constant amplitude output regardless of the fluctuation of the input supply voltage and load.

Cleaning basket: the net basket is made of 304 stainless steel, with each pore size of 1 cm

The following is the reference figure, which is specifically determined according to the actual production



Other technical requirements of the whole machine:

1. The lower part of the whole machine adopts removable stainless steel door plate, and the cleaning tank is made of thickened stainless steel profile, and the equipment piping and the bottom of the tank are absolutely sealed.
2. The inner groove is equipped with an independent drainage ball valve, and the waste liquid discharged from the inner groove is discharged outside the machine through the discharge pipe. With low water level, no liquid protection switch, equipped with leakage protection switch.
3. All the working cavities of the equipment can be easily opened, easy to adjust and maintain when needed.
4. The entrance of energy (water, electricity, gas, etc.) used by the equipment should be centralized and standardized inlet, so as for the installation of secondary pipe wiring of the equipment. All kinds of pipelines are laid neatly and beautiful, and the pipeline should be fixed support and fixed firmly. Live joints, valves and other departments should have enough installation space for maintenance and replacement. The pipes should be distributed at the corner and bottom of the groove, and the electric lines shall be bundled neatly packed into the line trough, and placed in a place far from heat source and water and gas erosion.
- 5, ultrasonic adjustable power, digital memory can set ultrasonic temperature, cleaning time and other parameters.
6. The whole machine line is neat, the logo is clear, and the connection part between the control cabinet and the main engine and the exposed part have reliable protection measures.

After-sales treatment method:

1. [Exclusive customer service] If the machine has any problems or after-sales questions, the company's customer service will serve you in 24 * 7 hours.
2. [Handling time] When receiving problem feedback, corresponding solutions will be found according to the problem at that time.
- 3, [one-year warranty] the cleaning machines sold in the store enjoy one-year free warranty service, small problems our technical department will telephone communication to guide the operation, free to send parts to customers for processing, machines are humanized structure according to the guidance of the basic operation can solve.
4. [Lifetime maintenance] We permanently provide free technical service support, and still provide free maintenance for minor problems after the warranty.

else:

Machine model:	YM2480
Quantity (individual):	1 PCS
Delivery time / packaging:	7-10 working days /Wooden box