

SONOIND R Series

General description

Clangsonic ultrasonic cleaning machines are designed for special workpiece to remove even the most stubborn dirt, like scale, dust, oil and grease. Clangsonic ultrasonic show a new conventional cleaning methods.

Features

- **Load Self-adaption** - System automatically adjusts the generator output to maintain constant power to the transducers according to the different working environment (i.e.:temperature, liquid level, load etc)
- **Frequency Tracking** - Tracking the best frequency in the cleaning process. Automatically adjust the frequency to the best point according to the different liquid environment (EX:temperature, liquid level, load etc) in the inner tank.
- **Sweep** - Using the sweep function means that a more homogeneous sounding of the bath is achieved which results in improved cleaning performance through out the Bath
- **Power Adjustable Linearly** - 10-100% adjustable linearly.
- **High Conversion Efficiency** - Ultrasonic power conversion efficiency up to 95%. It greatly save the cleaning time and improve cleaning efficiency.
- **Timer**- 0-99min. Adjustable by user
- **Heater**- 2x2.5KW Heaters, 30-80° C adjustable by user
- **Industrial level LCD Display**- supporting parameters settings and status monitoring
- **External Control**- connectable to PLC and HMI
- **Communication**- RS485 MODBUS RTU



Benefits

- Reduced chemical consumption
- It greatly save the cleaning time and improve cleaning efficiency
- Logical operation panel
- Double peak power function for increased cleaning power during operation in short time

Technical data

Working Volume	85 L
Ultrasonic Power	1500 W
Heating	5000 W, temperature adjustable 0-80°C

The suitable detergent makes it particularly effective for cleaning complex machine parts like injection nozzles, pump parts, inlet and exhaust valves, etc.

Ultrasonic cleans all surfaces which are covered with water. Thousands of bubble blasting can fast takes away the dirt. As a consequence it cleans in areas where no other cleaning technology can reach.

Directions For Use

Read the user manual before operation and for full information.

- Connect to correct power supply and Ensure that the Ultrasonic machine is always filled with water to min level(mark)
- Install in area easy to access
- Please keep machine stay away from dangerous and explosive environment.
- Place items in the basket and turn on the Ultrasonic machine.
- Set timer to needed time.
- Set heater to needed temperature..
- Never run the machine with water below the min level.
- Never use aggressive chemicals that can harm the tank. Use the recommended chemicals mentioned under accessories.
- Always manage the disposal water properly.

Technical Information

Model	R85	R120	R160	R220
Max Capacity	85L	120L	160L	220L
Working Volume	60L	90L	120L	180L
Tank Material	Stainless Steel 304 (316 options)			
Casing Material	Stainless Steel 304 (316 options)			
Weight	60KGS	70KGS	80KGS	100KGS

Overall Size(LxWxH)	700x580x750mm	700x630x750mm	800x680x750mm	900x730x800mm
Inner Tank Size(LxWxH)	600x400x350mm	650x450x400mm	700x500x450mm	800x550x500mm
Basket Size(LxWxH)	510x320x200mm	560x370x250mm	610x420x300mm	710x470x350mm
Basket Mesh	Customized			
Drain	1"	1"	1" 1/2	1" 1/2
Mains Voltage	220±10VAC, 50/60Hz	220±10VAC, 50/60Hz	380V, 3 Phase	380V, 3 Phase
Heating	0-80° C adjustable			
Ultrasonic Frequency	20-130KHz			
Ultrasonic Power	1500W	1800W	2000W	4000W
Heating Power	5000W	5000W	8000W	10000W
Timer	0-15min. And Normally Open			
Cable Length	Default 5m (Customizable)			
Workpiece Max. Length	500mm	550mm	600mm	700mm
Max Loading	20KGS	25KGS	30KGS	40KGS

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