

iNTERSONiK

1K-MODEL

Ultrasonic Washing Machines



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Ideal solution for general purpose Industrial part washing and degreasing!

Proper and effective cleaning with less operation time. Environmentally Friendly water based cleaning process. Tank sizes are standardized. Specific needs are specially tailor designed by "INTERSONIC" engineering department.

Benefits

- Removes oil, chip, polishing residue, lime, rubber remains and general impurities.
- Reveals a clean and corrosion-resistant surface

Application Areas

- Automotive industry
- Metal industry
- Military defense industry
- Food industry
- Electronic industry
- Optic plastic industry
- Textile industry
- Medical industry
- In all mass production industries, prior to coating and painting process
- In all industries for maintenance purposes (PVC, rubber, aluminum moulds cleaning)

Work pieces





Washing Process Flow

Studies are carried out exclusively by the Intersonic Process Engineers according to the part to be washed material pollution, selecting chemical, heat and ultrasonic power/frequency parameters.

Technical Specifications

Type	1K-50.40.40	1K-50.40.60	1K-60.50.40	1K-60.50.60 US	1K-80.50.40	1K-80.50.60	1K-100.50.40
Process Squence	Ultrasonic Wash						
Internal Dimensions (LxWxH) (mm)	500 x 400 x 400	500 x 400 x 600	600 x 500 x 400	600 x 500 x 600	800 x 500 x 400	800 x 500 x 600	1000 x 500 x 400
Ultrasonic Power (W)	1000	1500	2000	2000	2000	2500	2500
Frequency (kHz)	25-40	25-40	25-40	25-40	25-40	25-40	25-40
Heater (kW x piece)	4x1	4x1	6x1	6x1	6x1	6x2	6x2
Heater Control	Digital thermostat						
Heater Feature	With electric heater						
Timer	Digital timer						
Pump-Filter (Hp-micron)	1/2 - 100	1/2 - 100	1/2 - 100	1/2 - 100	1/2 - 100	1/2 - 100	1/2 - 100
Discharge Valve	Spherical valve						
Isolation	O.K.						

Type	1K-50.40.40	1K-50.40.60	1K-60.50.40	1K-60.50.60 US	1K-80.50.40	1K-80.50.60	1K-100.50.40
Process Squence	Ultrasonic Wash						
Internal Dimensions (LxWxH) (mm)	600 x 600 x 900	800 x 600 x 900	800 x 600 x 1100	1000 x 700 x 900	1000 x 700 x 1100	1200 x 600 x 900	1300 x 700 x 900
Ultrasonic Power (W)	3000	4000	5000	5000	6000	6000	7000
Frequency (kHz)	25-40	25-40	25-40	25-40	25-40	25-40	25-40
Heater (kW x piece)	6x2	6x2	6x3	6x3	6x4	6x3	6x4
Heater Control	Digital thermostat						
Heater Feature	With electric heater						
Timer	Digital timer						
Pump-Filter (Hp-micron)	1/2 - 100	1/2 - 100	1/2 - 100	1/2 - 100	1/2 - 100	1/2 - 100	1/2 - 100
Discharge Valve	Spherical valve						
Isolation	O.K.						

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