

स्वच्छ – भारत एक करन ग्वच्छता की ओर



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ULTRASONIC CLEANERS

| AUTOMOBILE | MEDICAL / PHARMA | MECHANICAL | ELECTRONIC | TEXTILE | DEFENSE 00 B0



Why Ultrasonic Cleaning ...?

Ultrasonic cleaning is a process that uses ultrasound to agitate in a fluid/solvent. Ultrasonic cleaners are used in many different industries like electronic, mechanical, pharma, medical, automobile, jewellery, hotel & food industry etc.

Ultrasonic cleaning uses cavitations bubbles induced by high frequency pressure (sound) waves to agitate a liquid. The agitation produces high forces on contaminants adhering to substrates like metals, plastics, glass, rubber, and ceramics. Contaminants can include dust, dirt, oil, pigments, rust, grease, algae, fungus, bacteria, lime scale, polishing compounds, flux agents, fingerprints, soft wax and mould release agents.

Things to be considered while ultrasonic cleaning?

- 1) Basic Metallurgy material?
- 2) What contamination is to be removed from surface?
- 3) Present cleaning procedure?
- 4) Whether you need rinsing or drying after cleaning?
- 5) Acceptable Chemical for your product?
- 6) Dimensions & weight of component?
- 7) Quantity to be cleaned in per batch/shift?
- 8) Any Special comment regarding your product and procedure?





Tabletop Ultrasonic Cleaner



MODEL	CAPACITY	TANK SIZE	ULTRASONIC POWER
M1	1 Ltr	150 x 135 x 65mm	50 W
M 1.5	1.5 Ltrs	240 x 135 x 65mm	50 W
M 2	2 Ltrs	240 x 135 x 100mm	50 W
M 3	3 Ltrs	300 x 150 x 100mm	100 W
M 5	5 Ltrs	235 x 235 x 100mm	100 W
SM 50 US	5	8" x 8"x 5"	100 W
SM 65 US	6.5	12" x 6" x 6"	150 W
SM 100 US	10	12" x 9"x 6"	250 W
SM 140(L) US	14 (L)	21" x 7"x 6"	300 W
SM 200 US	20	14" x 12" x 8"	400 W
SM 200(L) US	20(L)	24" x 9"x 6"	400 W
SM 250 US	25	16" x 16" x 6"	500 W
SM 300 US	30	15" x 15" x 8"	500 W
SM 500 US	50	22" x 12" x 12"	750 W

Special Size / Wattage / Frequency Available

Specifications & Design Subject to change without notice



Multistage Cleaning System



Pre Cleaning Chamber	:	Maximum contamination is removed from the surface with the help of Jet spaying or Air agitation.
U/S Cleaning Chamber	:	Precision cleaning is accomplished in this chamber with the help of U/S power, proper chemistry and temperature. Maximum cleaning is done from the surface.
Rinsing Chamber	:	The suspended contamination after Ultrasonic cleaning are cleaned in this chamber with the help of Air agitation of Jet spraying.
Drying Chamber	:	The forced hot air drying chamber utilizes evaporation, one of the most common drying technique's to remove water. Room air is heated to a 80° c which enables in to absorb moisture from the part.

Note : The process for multistage cleaning are designed to suit customers job / applications and requirements.

Special Size / Wattage / Frequency Available



Ultrasonic Immersible Transducers







Immersible transducers are placed whenever you need in your existing tanks. These units gives you complete freedom to design specialized cleaning setup. (Upgrade pre soak tank with Ultrasonic Immersible transducers)

Each immersible transducers are fabricated from 304/316 stainless steel with welded seams & stainless steel fitting hermitically sealed modular components are available in this standard sizes.

Other sizes can be custom built for special application for more space saving. Flat transducers plates can be built into the tank bottom or side walls.

Special Size / Wattage / Frequency Available



Stencil cleaner

Specifications :



GE	GENERAL :					
1	MODEL NUMBER	SM-290-ST				
2	FUNCTION	ADHESIVE & SOLDER PASTE				
		CLEANING				
3	MACHINE TYPE	AUTOMATIC				
4	STORAGE CAPACITY	85 LTRS				
5	STENCIL SIZE	740 mm X 740mm				
6	MACHINE DIMENSION	1120 X 1400 X 1700 mm				
7	TANK MOC	SS				
8	INPUT SUPPLY	415 VAC, THREE PHASE, 50Hz				
9	CONTROL TYPE	USER FRIENDLY TOUCH SCREEN				
		PLC CONTROLS ALL				
		PARAMETERS				
10	CYCLE TIME	0-99 MIN (SETTABLE)				
OT	OTHERS :					
11	PUMP	1.5 HP				
		FLOW- 2m3/hr @ 6m3/hr				
		HEAD – 5.2 Bar @ 2.3 Bar				

Hot Air Oven

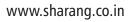
Applications :

- Laboratory Hot Air Oven
- Industrial Hot Air Oven
- Sterilizing
- Drying
- Baking



Special Size / Wattage / Frequency Available

Specifications & Design Subject to change without notice





Projects













Specifications & Design Subject to change without notice



OUR VALUED CUSTOMERS





AN ISO 9001:2015 CERTIFIED COMPANY

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