



One Motive, Sound Solution



## **Samarth Electronics**

Manufacturer of  
**Ultrasonic Cleaner & Lab Instruments**

AUTOMOBILE INDUSTRIES  
MEDICAL INDUSTRIES

MECHANICAL INDUSTRIES  
ELECTRONIC INDUSTRIES

TEXTILE INDUSTRIES  
DEFENSE INDUSTRIES

## ULTRASONIC CLEANER FOR CLOSURE MOLDS



**Application:** The system is used for cleaning of closure molds. During the process of Injection molding the plastic material used for the products gets deposited on the molds due to high temperature. The above molds can be only cleaned in ultrasonic cleaning system without damaging the surface of the molds.

**Applied Industries:** Closure manufacturing industries & any plastic product manufacturing industries using plastic injection molding systems.

## ULTRASONIC CLEANER FOR CUTTING TOOLS



**Application:** The system is used for cleaning of cutting tools. During the process of manufacturing the tools lots of machining is done on the products which results in the products getting contaminated with lot of cutting oils, small metals chips, dust, all the above contamination is to be cleaned before final inspection or before coating which is only possible with multi stage ultrasonic cleaning system. The multistage system dose consist of Pre cleaning, Ultrasonic cleaning, Ultrasonic rinse or Hot water rinse with air agitation & Drying .The above systems are widely used to clean the cutting tools without damaging the surface& sharpness of the cutting tools.

**Applied Industries:** Cutting tools manufacturing industries.

## ULTRASONIC CLEANER FOR INDUSTRIAL COMPONENTS



**Application:** The system is used for cleaning of industrial components. During the process of manufacturing the industrial components lots of machining is done on the products which results in the products getting contaminated with lot of cutting oils, small metals chips, dust, all the above contamination is to be cleaned before final inspection which is only possible with multi stage ultrasonic cleaning system. The multistage system dose consist of Pre cleaning, Ultrasonic cleaning, Ultrasonic rinse or Hot water rinse with air agitation & Drying .The above systems are widely used to clean the industrial components without damaging the surface of the industrial components.

**Applied Industries:** industrial components manufacturing industries.

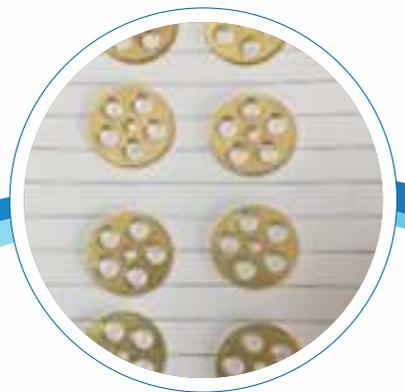
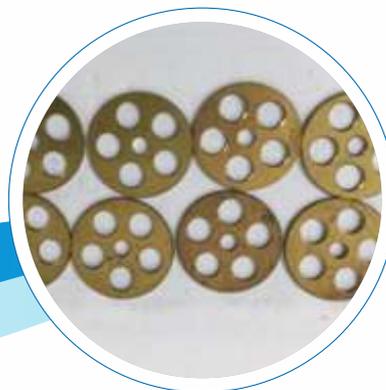
## ULTRASONIC CLEANER FOR AUTOMOBILES COMPONENTS



**Application:** The system is used for cleaning of automobile components. During the process of manufacturing the automobile components lots of machining is done on the products which results in the products getting contaminated with lot of cutting oils, small metals chips, dust, all the above contamination is to be cleaned before final inspection which is only possible with multi stage ultrasonic cleaning system. The multistage system dose consist of Pre cleaning, Ultrasonic cleaning, Ultrasonic rinse or Hot water rinse with air agitation & Drying .The above systems are widely used to clean the automobile components without damaging the surface of the automobile components.

**Applied Industries:** Automobile components manufacturing industries.

## ULTRASONIC CLEANER FOR PRECISION COMPONENTS



**Application:** The system is used for cleaning of Precision components. During the process of manufacturing the Precision components lots of machining is done on the products which results in the products getting contaminated with lot of cutting oils, small metals chips, dust, all the above contamination is to be cleaned before final inspection which is only possible with multi stage ultrasonic cleaning system. The multistage system dose consist of Pre cleaning, Ultrasonic cleaning, Ultrasonic rinse or Hot water rinse with air agitation & Drying .The above systems are widely used to clean the Precision components without damaging the surface of the Precision components.

**Applied Industries:** Automobile components manufacturing industries.

## ULTRASONIC CLEANER FOR TWO STAGE MOLD



**Application:** The system is used for cleaning of Plastic injection molds. During the process of Injection molding the plastic material used for the products gets deposited on the molds due to high temperature. The above molds are been pre-cleaned in an Pre-cleaning chamber with Hot water & Air agitation were the molds are been heated to make the contamination loose form the surface & then thoroughly cleaned in the Ultrasonic chamber. The above molds can be only cleaned in ultrasonic cleaning system without damaging the surface of the molds.

**Applied Industries:** Plastic components manufacturing industries using plastic injection molding systems.

## ULTRASONIC CLEANER FOR METAL COMPONENTS



**Application:** The system is used for cleaning of Metal components. During the process of manufacturing the Metal components lots of machining is done on the products which results in the products getting contaminated with lot of cutting oils, small metals chips, dust, all the above contamination is to be cleaned before final inspection which is only possible with multi stage ultrasonic cleaning system. The multistage system dose consist of Pre cleaning, Ultrasonic cleaning, & passivation .The above systems are widely used to clean the Precision components without damaging the surface of the Precision components.

**Applied Industries:** Metal components manufacturing industries.

## ULTRASONIC CLEANER FOR LOW PRESSURE DIE CASTING COMPONENTS



**Application:** The system is used for cleaning of Low pressure casting components. During the process of manufacturing the Low pressure casting components lots of machining is done on the products which results in the products getting contaminated with lot of cutting oils, small metals chips, and dust, all the above contamination is to be cleaned before final inspection which is only possible with multi stage ultrasonic cleaning system. The multistage system dose consist of Pre cleaning, Ultrasonic cleaning, Ultrasonic rinse or Hot water rinse with air agitation & Drying .The above systems are widely used to clean the Low pressure casting without damaging the surface of the automobile components.

**Applied Industries:** Low pressure casting components manufacturing industries.

## ULTRASONIC CLEANER FOR STENCIL



**Application:** The system is used for cleaning of Stencil Cleaning Application. During the process of manufacturing the Stencil is getting contaminated with Flux & Paints, all the above contamination is to be cleaned before Second batch which is only possible with ultrasonic cleaning system. The above systems are widely used to clean the Stencil without damaging the surface of the Stencil.

**Applied Industries:** Electronic Industries

## ULTRASONIC CLEANER FOR ENGINE HEAD



**Application:** The system is used for cleaning of Engine Heads & Parts. During the Engine rework the products getting contaminated with lot of Carbon deposition, burnt Oil, Grease, dust, all the above contamination is to be cleaned before final refitting which is only possible with ultrasonic cleaning system. The above systems are widely used to clean the Engine Heads & Parts. Without damaging the surface of the automobile components.

**Applied Industries:** Engine Heads & Parts rework industries.

## ULTRASONIC CLEANER FOR BEARING



**Application:** The system is used for cleaning of Bearing. During the process of manufacturing the bearings are been contaminated with lots of cutting oil, Buffing paste & powder .The Bearings are cleaned without damaging the surface of the molds.

**Applied Industries:** Bearing Manufacturing Industries.

## ULTRASONIC CLEANER FOR IN LINE FILTER



**Application:** The system is used for cleaning of In line Filters. During the process the filters are been contaminated with lots of chemicals .The In line Filters are cleaned without damaging the surface of the Filters.

**Applied Industries:** Chemical & Pharmaceutical Industries.

## ULTRASONIC CLEANER FOR FUEL INJECTOR



**Application:** The system is used for cleaning of Fuel Injector & Parts. During the Engine rework the Injectors getting contaminated with lot of Carbon deposition, burnt Oil, dust, all the above contamination is to be cleaned before final refitting which is only possible with ultrasonic cleaning system. The above systems are widely used to clean the Fuel Injector & Parts. Without damaging the surface of the Fuel Injector & Parts.

**Applied Industries:** Engine & Fuel Injector rework industries.

## ULTRASONIC CLEANER FOR HEAVY INDUSTRIAL APP.



**Application:** The system is used for cleaning of Heavy Industrial Parts. During the Maintenance process of the system the Heavy Industrial Parts are getting contaminated with lot of Carbon deposition, burnt Oil, dust, Oxidation all the above contamination is to be cleaned before final refitting which is only possible with ultrasonic cleaning system. The above systems are widely used to clean the Heavy Industrial Parts. Without damaging the surface of the Heavy Industrial Parts

**Applied Industries:** Heavy industries.

## ULTRASONIC CLEANER IN PLATING INDUSTRIES



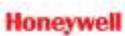
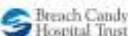
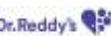
**Application:** The system is used for cleaning of Components before plating. During the process components are getting contaminated with lot of Oil, dust, Oxidation all the above contamination is to be cleaned before plating which is only possible with ultrasonic cleaning system. The Immersible Transducers are been fitted inside the Big tanks for Ultrasonic effect .The above systems are widely used to Plating Industrial Parts. Without damaging the surface of the Heavy Industrial Parts

**Applied Industries:** Plating industries.

## ULTRASONIC CLEANER IN INDUSTRIES



# OUR CLIENTS

<b>PHARMA</b>								
			<b>INDUSTRY</b>					
								
		<b>INDIAN GOVT.</b>						
<b>HOSPITAL</b>								

## Samarth Electronics

Unit No. 3A & 3B, Lower Ground Floor, Ganesh Compound, Pawar Section, Chikholi M.I.D.C., Ambarnath (E) - 421506, Maharashtra, India

☎ 09075013862 📞 +91 9320 240 250 / +91 9322 916 496 ✉ info@samarthelectronics.com 🌐 www.samarthelectronics.com