



ULTRATM AUTOSONIC

Our Mission... Value Addition...



ELECTRONICS



PHARMA



MEDICAL



CONSTRUCTION



SOLAR



HEALTH



**GREEN
ENERGY**



AGRICULTURE



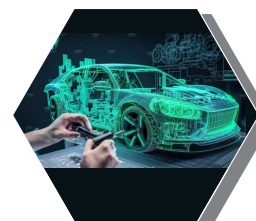
OFFICIAL



SUGAR



PACKAGING



AUTOMOBILE



CONSUMPTION



FOOD



TOYS



TEXTILES



CHEMICAL

Ultrasonic Makes Life Easier



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम



COMPANY PROFILE

ULTRA AUTOSONIC is the pioneer and expert manufacturer of world class ultrasonic equipment's. "We are Manufactures of Ultrasonic Equipment's. We are glad to introduce ourselves as an UltraAutosonic. ULTRA AUTOSONIC is leader in design, development, manufacturing and marketing of wide range of Ultrasonic Products in all over world. We utilize latest automation technology together with cost efficient production methods, which allow us to deliver high systems at competitive prices. We are manufacturing the export quality machines. We are regular exporting USA, UK, UAE, Srilanka, Germany, Singapore, Russia, Canada, Norway, Japan etc.

WE DEAL IN

Manufacturers, Importers & Exporters, Suppliers and Services of Ultrasonic Equipment, Electronic & Electrical Industries, Chemical Processing Industries, Processing & Food Equipment, Agriculture-based Products, Green Energy based Products, Renewable Energy, Automobile Industry. Software & Technology, Scientific Equipment, And Healthcare Products.



VISION :

To Increase brand exposure and eruption Domestically & Globally within 5 years.

MISSION :

Our mission is to add value to our customers' lives through the best quality products and services.



CORPORATE RESPONSIBILITY

Ultraautosonic LLP supports a wide variety of social groups and is committed to people who follow their dreams and provide the company with new impulse. In our company we continue to develop progressively advancing technologies. For this reason, we like to focus our sponsoring on the activities of innovative and creative associations and the support of committed people who consistently pursue their targets.

- Durable
- Sturdy
- Dimensionally Accurate
- Precision Engineered
- Corrosion Resistant
- High Performance
- Easy Installation
- Low maintenance





QUALITY ASSURANCE

Quality reflects not only in our manufactured range but also in our business policies and packaging. We always endeavour to satisfy our clients offering best quality ultrasonic Products that are engineered to perfection and bear the hallmark of supreme quality. Fabricated from the best grades of raw material our array confirms to the industry standards and are stringently checked by our expert team of quality controllers. They take initiative in thorough testing of the procured raw material as well as the manufactured ensuring that the final range to be delivered to the mark breathes in quality, durability and flawlessness.

Our research and development unit are managed by our researchers who focus on continuous R&D activities. They carry out extensive market research and help us in comprehending the market trends, thereby, fruitfully targeting our prospective customers in an effective manner. They work in close coordination with all the units especially the production and designing unit and enable us in the development and up gradation of our entire range. In other words, our team of R & D is an important factor behind the success we incurred over the years and effectively aid bringing forth our production with pioneering ideas and designs and remain ahead of our competitors. Owing to their deliberate efforts we successfully cater to our broad client base thereby challenging our competitors in the market.



RESEARCH & DEVELOPMENT

We take pride in our team of expert and qualified professionals engaged in the fabrication of our qualitative gamut of machines with utmost dedication and sincerity. They work in an incredible harmony and are continuously driven organization.



TEAMWORK

Our Team Comprises of:

- + Qualified engineers
- + Quality controllers
- + Procuring agents
- + Sales and marketing executives
- + Packaging experts
- + Researchers

All the members of our team have profound knowledge and expertise in this realm and are continuously driven towards achieving fame and recognition Their tremendous efforts enable us in offering maximum client satisfaction, thereby, strengthening our position in the market.





ULTRASONIC INDUSTRIAL PROBE SONICATOR

Description

An industrial probe sonicator is a device used for ultrasonic homogenization, dispersion, and emulsification in industrial settings. It consists of a high-frequency ultrasonic generator, a probe (also called a horn), and a power supply.

The probe is immersed in a liquid or other material being processed, and the ultrasonic waves generated by the device create cavitation bubbles that rapidly expand and collapse. The resulting high energy and shear forces can break down particles, create emulsions, and disrupt cell membranes.

Industrial probe sonicators are used in a variety of industries, including pharmaceuticals, biotechnology, food and beverage, chemical processing, and materials science. They can be used for applications such as sample preparation, cell lysis, particle size reduction, and homogenization of liquids and slurries.

The choice of probe and ultrasonic frequency will depend on the specific application and material being processed. Industrial probe sonicators are often designed for continuous operation and may have features such as temperature control and automatic frequency tuning.



MODEL-ULTRA IPS Series

ULTRA IPS 20-2000

ULTRA IPS 20-2500

ULTRA IPS 20-3000



ULTRASONIC INDUSTRIAL PROBE SONICATOR

Specifications

Frequency (kHz)	20
Power (Watt)	2000/2500/3000
Probe / Sonotrode (mm)	Ø35, Ø40, Ø54 mm
Actual Weight	Approx. 36 kg
Actual Size (L x W x H)	Approx. (556 X 556 X 238) mm
Packaging Type and Size	Wooden Box and Approx. Size (654 X 654 X 238) mm

Operational Requirement

Input Power Supply	AC 230V 50/60Hz, 16Amp
CVT / Stabilizers	If the voltage is unstable then use CVT/Stabilizer to avoid damage

Features

- Precise and convenient digital displaying and controlling.
- Digital display can show you the output power directly.
- Pulse width and interval time can be separately set.
- It is timer controlled and can switch off automatically when the set time is run off. You can turn it off when necessary.
- Various kinds of optional tips are available.
- Wide Range of Tips
- Temperature control: You can set the maximum limit of temperature after crossing that limit the working of Sonicator will automatically stop preventing degradation of sample.
- Probe material Titanium Alloys
- Variable Amplitude
- Touch Screen Display
- Overload Protection
- Power Protection
- High-Temperature Protection
- High Voltage Protection & Dry run protection
- We provide different types of protection options. Which will help to increase the life of the machine.



ULTRASONIC INDUSTRIAL PROBE SONICATOR

Advantages

- **Large screen LCD**

- **Full intensity control:**

Intensity is controlled from 1-100% giving a greater degree of resolution and ability to pinpoint the amplitude needed to effectively process sample.

- **Programmability:**

Parameters like total time, Pulse on Time, Pulse Off Time can be adjusted

- **Pulse mode:**

Adjustable Pulse on and Off time mode to reduce the heat rise in the temperature sensitive samples

- **Temperature monitoring:**

Integrated temperature control to prevent overheating of the sample

- **Titanium probe will not react with any liquid.**

- **We can control the power through the amplitude.**

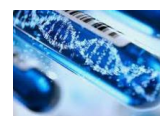
- **Customer will get the display option as per his requirement.**

Application

- Prepare Tissue
- Accelerate Enzymatic Reactions
- Disperse Solids
- Dissolve Powders
- Extract DNA / RNA
- Prepare Emulsions
- Accelerate Chemical Reactions
- Degassing of Liquids
- Dissolve Tablets
- Extract Proteins
- Immiscible Liquids
- Stimulate Bacterial Activity
- De-agglomerate Powders
- Emulsify Cosmetics
- Emulsify Liposomes



Dissolve Powders



Extract DNA / RNA



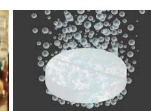
Prepare Emulsions



Accelerate Chemical Reactions



Degassing of Liquids



Dissolve Tablets



Extract Proteins

OUR PARTNERS IN GROWTH.....

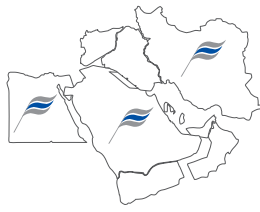


OUR WORLDWIDE NETWORK....

ASIA



MIDDLE EAST



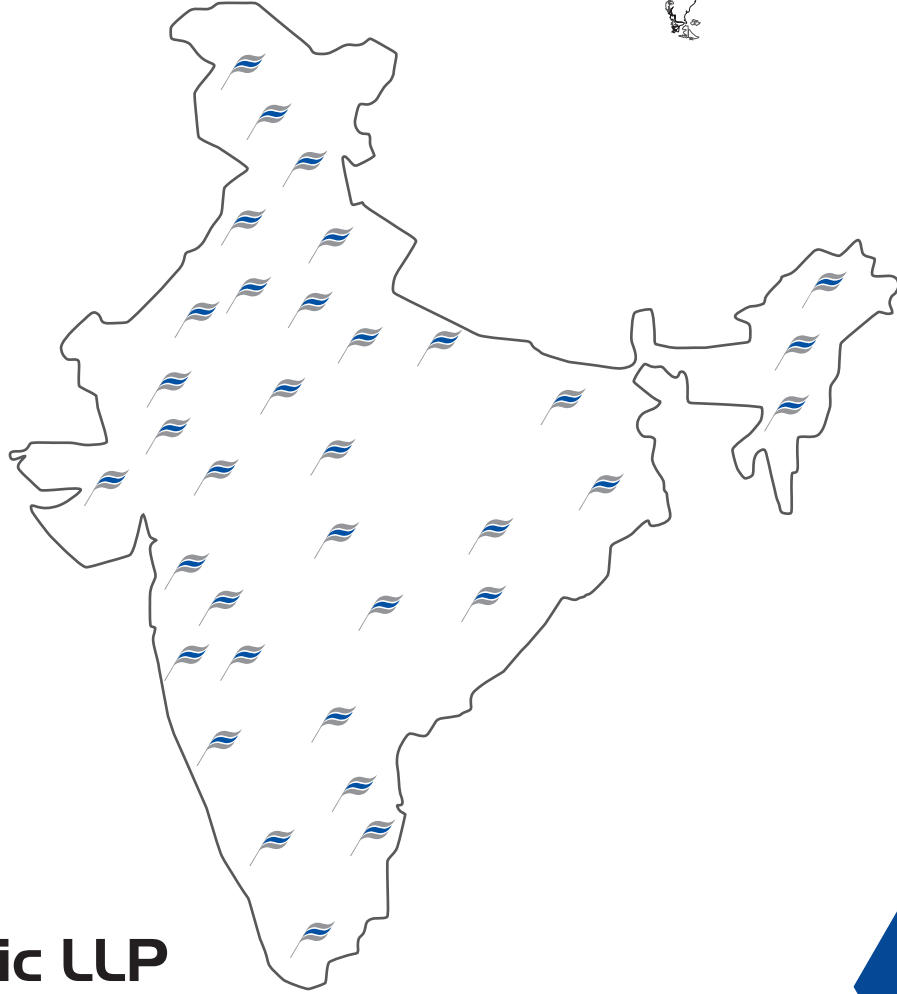
EUROPE



SOUTH AMERICA



AFRICA



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