



ULTRAAUTOSONIC customized the ultrasonic fixture, often used in ultrasonic welding and other ultrasonic processes, is a crucial component that ensures precise positioning and support of parts during ultrasonic operations. Ultrasonic technology employs high-frequency sound waves to perform tasks such as welding & cutting materials. The fixture's role is to hold the parts securely and in the correct orientation to ensure consistent, high-quality results.

FEATURES

- ⦿ **Accurate Positioning** : Ensures components are held in the correct position for optimal ultrasonic welding.
- ⦿ **Non-Marring Surfaces** : Made from materials that won't damage or mark the components being welded.
- ⦿ **Customization** : Can be customized to fit different sizes and shapes of component

ADVANTAGES

1. Ultrasonic fixtures ensure accurate alignment and positioning of parts, leading to consistent results and high-quality outputs.
2. They allow for faster processing times by securely holding parts in place, reducing the need for manual adjustments and minimizing errors.
3. Precise and consistent alignment reduces the occurrence of defects, leading to higher yield rates and lower rework costs.

APPLICATION

- 1. Plastic Welding :** Used extensively in the automotive, medical, and consumer electronics industries to join plastic parts without adhesives or mechanical fasteners.
- 2. Metal Welding :** Employed in joining thin metal foils, such as in battery manufacturing and electronic components.
- 3. Ultrasonic Cutting :** Used for precise cutting of materials such as fabrics, films, and foils. Fixtures ensure consistent cuts by holding the material firmly.



Enquiry Now

Click for More Details



YouTube



Facebook



Instagram



Twitter



LinkedIn

ULTRAUTOSONIC LLP

World Class Ultrasonic Equipments Manufacturer & Exporter

FACTORY

Sr. No. 37/2,
Ashtvinayak Industrial Estate,
Near Pari Chowk,
Narhe, Pune-411 041,
Maharashtra, India.

REGISTER OFFICE

Sr.No 51/7/9,
Row House No. A-12,
RK Imperial, Ambegaon BK,
Pune - 411 046,
Maharashtra, India

+91 77218 47555

+91 77175 77176

www.ultraautosonic.com

info@ultraautosonic.com