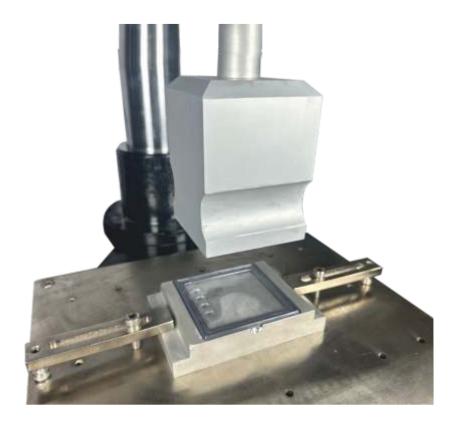


ULTRASONIC FIXTURES

Used In All Industry





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.























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ULTRAAUTOSONIC LLP

 $World\ Class\ Ultrasonic\ Equipments\ Manufacturer\ \&\ Exporter$

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