

Automated Ultrasonic Welding Machine

This intelligent machine provides precise control over welding parameters including time, frequency tracking, energy, and depth. It features stepless amplitude adjustment for optimal welding performance in efficient and reliable ultrasonic welding applications.



Overview

Advanced Ultrasonic Welding Technology

This automated ultrasonic welding machine utilizes high-frequency oscillation under static pressure to create strong solid-phase bonds by removing surface oxides and applying precise energy. Equipped with an imported piezoelectric ceramic transducer and robust IGBT power systems, it ensures consistent, high-quality welding results. The system features an intuitive high-definition LCD interface with dual-language support, making it an ideal solution for efficient manufacturing across various industries.

Technical Specifications

Power Output

1500 kHz

IGBT Power

Control Capabilities

Time Control, Automatic Frequency Tracking, Energy Control, Depth Control, Stepless Amplitude Adjustment

Interface

High-definition LCD with bilingual support

Welding Method

Solid-phase ultrasonic welding

Applications

Suitable Industries

- Sanitary Ware
- Home Appliances
- Automotive Parts
- Electronics
- Stationery
- Transportation Equipment
- Daily Necessities
- Toys