



Ultrasonic Metal Welding Machine Battery Tab Welding Machine 0.5 - 0.7Mpa Pressure

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-XC-40K
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Standard Export Wooden Packing
- Delivery Time: 7-20 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 500 sets per month

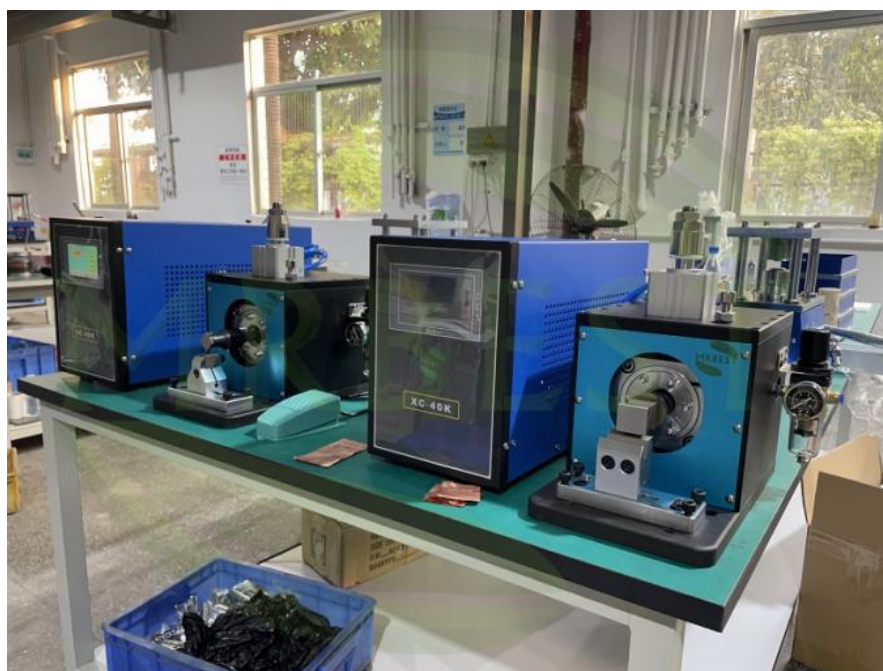


Product Specification

- Name: Ultrasonic Metal Welding Machine
- Output Power: 2200W→can Be Customized
- Generator Frequency: 40KHz
- Welding Time: 0.01~2S
- Welding Pressure: 0.5~0.7Mpa
- Welding Layers: 20 Layers For Reference, Depending On Different Material
- Welding Size: 4x4mm , Customizable
- Working Voltage: AC110V/220V Optional
- Highlight: **Ultrasonic Metal Welding Machine,
Ultrasonic Battery Tab Welding Machine,
Battery Tab Welding Machine 0.7Mpa**

Product Description

Cylindrical Cell Battery Equipment Ultrasonic Welding Machine For Battery Tab Welder



Model: MR-XC-40K

Ultrasonic metal welding machine is designed for battery lab research. It has the advantages of strong welding spot, low internal resistance of the welding spot, and good appearance without oxidation traces. It can achieve various effects by choosing relevant frequencies and powers according to different requirement.

Feature

- * The conductivity after welding is good and the resistivity is quite low.
- * The welding can be perfectly conducted even if contaminant or oxide exists on the metal surface. Ultrasonic have the function of cleansing.
- * Pretreatment is not required for the workpiece. The fusion can be completed without solder and soldering paste, quite economic and convenient.
- * The welding time is quite short, fusion can be completed within 0.01~2 seconds.
- * The welding head is made of wear-resistant material and with good durability.

Technical Parameters

Model	Ultrasonic Metal Welding Machine MR-XC-40K
Working voltage	AC110V/220V optional
Output power	2200W →can Be Customized
Generator frequency	40KHz
Welding time	0.01~2S
Welding pressure	0.5~0.7Mpa
Welding layers	20 layers for reference, depending on different material
Welding size	4x4mm, customized size is available
Dimension	Controller: L520 * W410 * H180mm Welder: L400 * W240 * H325mm
Weight	80kg

Equipment Components

The metal welding machine is mainly composed of ultrasonic generator, transducer, mold, pneumatic parts, frame and so on.

Equipment Functional Features

1. Intelligent digital circuit, advanced CPU central processing system
2. With energy mode, power mode, time mode multiple intelligent control modes
3. Ultrasonic frequency automatic tracking
4. Energy, time, power, a variety of upper and lower limit quality alarm function.
5. DO signal :welding machine alarm,Ready, IO signal output during ultrasonic sending
6. DI signal:EMERGENCY STOP, Start wedding.
7. 485 communication protocol, Data receiving and uploading

8. The ultrasonic equipment is actively controlled(with 24V auxiliary power supply)

Equipment Size

1. Generator size(W x L x H):535mm x275mm x125mm weight:15~20KG
2. Machine head size(L x W x H):434mm x300mm x543mm weight:30~35KG.
3. Work table size(L x W x H):900mm x800mm x(720 820 Height adjustable)mm.

Our Advantages

1. Steady and high quality ! -cause we are a manufacturer of Lithium Battery Equipment, and we only focus on one thing that is make professional Lithium ion Battery Equipment for customer around the world.
2. Friendly use! all MRBEST Battery Equipment with teach manual and support live teaching via media.
3. Reliable factory! My factory located in Shenzhen city of China, support factory visit and video factory visit .
4. 1 year warranty plus lifetime technical support.
- 5.All the parts use on machine, in stock forever.
6. Powerful technical support, NOT TRADE COMPANY! We are professional on Lithium Battery Equipment, the chief engineer team have more than 20 years experience on lithium battery area, so we can easy do diagnose on machine if customer have question.
7. 100% PATIENCE to all customers! Our patience not only before consult order, also after-sale service, one by one .



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