



Riselaser Technology Co., Ltd.

Add: Building A4, Meiyang Phoenix Zhihui Innovation Park, No. 3, Fenghuang Xingye 3rd Road, Fuyong Street, Baoan District, Shenzhen, China 518103
Email: sales@riselaser.com www.riselaser.com

Mold YAG Laser Welding Machine

1. Product Introduction

Laser welding machine is mainly used in hole-filling of gold and silver ornaments, spot welding, joint repairing and flaw setting. Laser spot welder series has the advantages of small heat affect zone, adjustable welding spot, fine and smooth welding effect, accurate in positioning, high welding speed, good welding quality, and environmental friendly. Applicable materials include gold, silver, platinum, stainless steel, titanium, and other metals and alloys. Laser spot welder series is widely applied to repair holes of denture, IC lead hairspring. This series laser welder can weld the same materials like titanium, nickel, tin, copper and aluminum etc. It is widely applied in mobile phone batteries, sensors, clocks, watches, jewelry, eyeglasses, crafts, precision instruments.



2. Product Parameter (Specification)

Web: www.riselaser.com

Email: sales@riselaser.com

Add: Mintai Building, No. 85, Wenxin 5th Road, Nanshan District, Shenzhen, 518054 China.



Riselaser Technology Co., Ltd.

Add: Building A4, Meiyang Phoenix Zhihui Innovation Park, No. 3, Fenghuang Xingye 3rd Road,
Fuyong Street, Baoan District, Shenzhen, China 518103
Email: sales@riselaser.com www.riselaser.com

No.	Item.	Parameter.
1	Maximum Average Power	200W
2	Laser Wavelength	1064nm
3	Max Pulse Energy	100J
4	Power	200 Watt
5	Batter, Laser Welding Frequency	1~50Hz
6	Aim Operation	Round Point Cursor
7	Cooling System	Built-In
8	Adjustable Range Of Spot Size	0.1~3mm
9	Control System	Industrial Computer
10	Machine Power Consumption	≤6kw
11	Lifetime	3,000,000 Times
12	Humidity	5% To 75%Non-Condensing.
13	Power Supply	220V±0%/50Hz/15A
14	Supplies	Xenon Lamp, Filter, Protection Lens, Argon Gas
15	Environment	Clean, No Dust Or Less Dust
16	Machine Dimension	95*55*65cm

3.Product Feature

- * Energy, pulse width, frequency and facular can be adjusted within a wide range to achieve different welding effects.
- * The parameters are adjusted by the control rod in the sealed cavity, simple and efficient.
- * Ceramic focusing cavity imported from the U.K. is employed, corrosion resistant, high temperature resistant, efficient in optical/electrical conversion.
- * The focusing cavity's service life is 8 to 10 years, and the service life of the xenon lamp is over 8 million times.
- * World-leading automatic light shielding system is employed to remove stimulation of light on eyes during operation.
- * Maintenance free working hours up to 10000.
- * Personalized design in compliance with ergonomics principles.

Web: www.riselaser.com

Email: sales@riselaser.com

Add: Mintai Building, No. 85, Wenxin 5th Road, Nanshan District, Shenzhen, 518054 China.



Riselaser Technology Co., Ltd.

Add: Building A4, Meiyang Phoenix Zhihui Innovation Park, No. 3, Fenghuang Xingye 3rd Road,
Fuyong Street, Baoan District, Shenzhen, China 518103
Email: sales@riselaser.com www.riselaser.com

4. Production Details



Red one for quick-stop control, another one for power control.



HD Touch Control System, Stable, Intuitive, easy to use.



10 x microscope amplification, cross cursor indicator, and adopting advanced automatic shading system synchronization with the laser output of shielding gas, to make sure the solder joints are beautiful and smooth.

5. Samples

Web: www.riselaser.com

Email: sales@riselaser.com

Add: Mintai Building, No. 85, Wenxin 5th Road, Nanshan District, Shenzhen, 518054 China.



Riselaser Technology Co., Ltd.

Add: Building A4, Meiyang Phoenix Zhihui Innovation Park, No. 3, Fenghuang Xingye 3rd Road, Fuyong Street, Baoan District, Shenzhen, China 518103
Email: sales@riselaser.com www.riselaser.com



6. Certifications

