



Riselaser

深圳市华升激光科技有限公司

SHENZHEN RISELASER TECHNOLOGY CO., LTD

60w Laser Welding Machine for Jewelry

This machine is specially designed for jewelry laser welding, which is mainly used in jewelry patching holes and blister repairing. Laser spot welding is one of the most important applications for material processing technology. The procedure of spot welding belongs to heat conduction type, that's to say the laser radiation heat the surface of the workpiece, the heat on the surface spread toward inside by heat conduction. By controlling the parameters as width, energy, peak power and repeat frequency, etc. of the laser pulse, workpiece will be melted and formed special molten pool. Due to the particular advantage, it has been successfully used in processing gold and silver jewelry as well as welding tiny and small parts.

Technical Parameters

Model	RL-Y60
Input Voltage	AC220±10% 50HZ
Laser Frequency	1.0-10.0HZ Continuously Adjustable
Pulse Width	0.1~10.0ms Grading Adjustable
Spot Adjustment Range	±3mm
Laser Output Power	≤60W
Aiming and Positioning	CCD and Microscope
Environment Temperature	≤45℃
Operation Method	Touch Control
Laser Wavelength	1064nm
the Installation Size of Display Touch Screen	137*190mm
Size	L*W*H : 510*295*395 mm
Weight	About 30KG

Main Function

1. One-button operation for automatic pumping, PWM continuously variable Fans, Touch screen integrated CCD display
2. ouch screen integrated with CCD display, convenient to adjust spot size on screen, clear

E-mail: carina@riselaser.com

Website: www.riselaser.com www.shdlaser.com

Address: Building A4, Meiyang Fenghuang Zhihui Innovation Park, No. 3, Fenghuang Xingye 3rd Road, Fuyong Street, Baoan District, Shenzhen, China 518103



Riselaser

深圳市华升激光科技有限公司

SHENZHEN RISELASER TECHNOLOGY CO., LTD

to see the welding spot location.

3. More stable Light path, locating pins fixed into both end of light path, no need to re-adjust the path even a new lamp for replacement.

4. Water tank, automatic water pumping by one key, it will be alarmed with low temperature or high temperature.

5. Fans, noise level within 40-50 Db(A), Intelligent control, high temperature with fast running, low temperature with slow running or stopping

Product Show

RL-Y60
YAG Laser Welding Machine

Laser Power: 60 watt
Single Pulse Energy: 40J
Dimension: 510mm*295mm*395mm
Observe System: Microscope & CCD
Cooling System: Internal water chiller

Application
Gold and silver jewellery welding, especially for small jewellery shop repairing.
Metal parts welding such as stainless steel and aluminum in all kinds of industry.

www.riselaser.com sales@riselaser.com

E-mail: carina@riselaser.com

Website: www.riselaser.com www.shdlaser.com

Address: Building A4, Meiyang Fenghuang Zhihui Innovation Park, No. 3, Fenghuang Xingye 3rd Road, Fuyong Street, Baoan District, Shenzhen, China 518103



Riselas

深圳市华升激光科技有限公司

SHENZHEN RISELASER TECHNOLOGY CO., LTD

Certification



Packaging & Payment



FAQ

Q1. What are the primary products of your company?

Our primary products include laser marking machine, laser engraving machine, laser cutting machine, laser welding machine, and laser spare parts.

Q2. I know nothing about this machine, what type of machine should I choose?

A: We will help you choose the suitable machine and share you the solution; you can share us the following information

E-mail: carina@riselas.com

Website: www.riselas.com www.shdlaser.com

Address: Building A4, Meiyang Fenghuang Zhihui Innovation Park, No. 3, Fenghuang Xingye 3rd Road, Fuyong Street, Baoan District, Shenzhen, China 518103



Riselas

深圳市华升激光科技有限公司

SHENZHEN RISELASER TECHNOLOGY CO., LTD

1. what material will you weld
2. The welding material thickness
3. Is it joint welding or over-lay welding
4. What is the exact usage for the machine , for product welding or repair or other application

Q3. When I got this machine, but I don't know how to use it. What should I do?

A: We will send operation video and manual for the machine. Our engineer will do training online. If needed, we can send our

engineer to your site for training or you can send the operator to our factory for training.

Q4. What's consumables of laser marking machine?

A: It does not have consumable. It's very economical and cost effective.

E-mail: carina@riselas.com

Website: www.riselas.com www.shdlaser.com

Address: Building A4, Meiyang Fenghuang Zhihui Innovation Park, No. 3, Fenghuang Xingye 3rd Road, Fuyong Street, Baoan District, Shenzhen, China 518103