



Riselaser

深圳市华升激光科技有限公司

SHENZHEN RISELASER TECHNOLOGY CO., LTD

## Mini Portable 60W Jewelry Fiber Laser Welding Machine

Jewelry laser welding machine adopts ergonomic design, suitable for jewellery laser welding industry, professional appearance design, equipped with special microscope observation system of cross cursor, with high-speed electronic filter device, which can protect operators' eyes. The high power beam expanding system can obtain more fine light spots and meet the needs of fine laser spot welding; the whole machine is small, convenient to carry and transport, and the operation process is simple. Good welding effect, stable and reliable equipment, low failure rate.

### Parameters

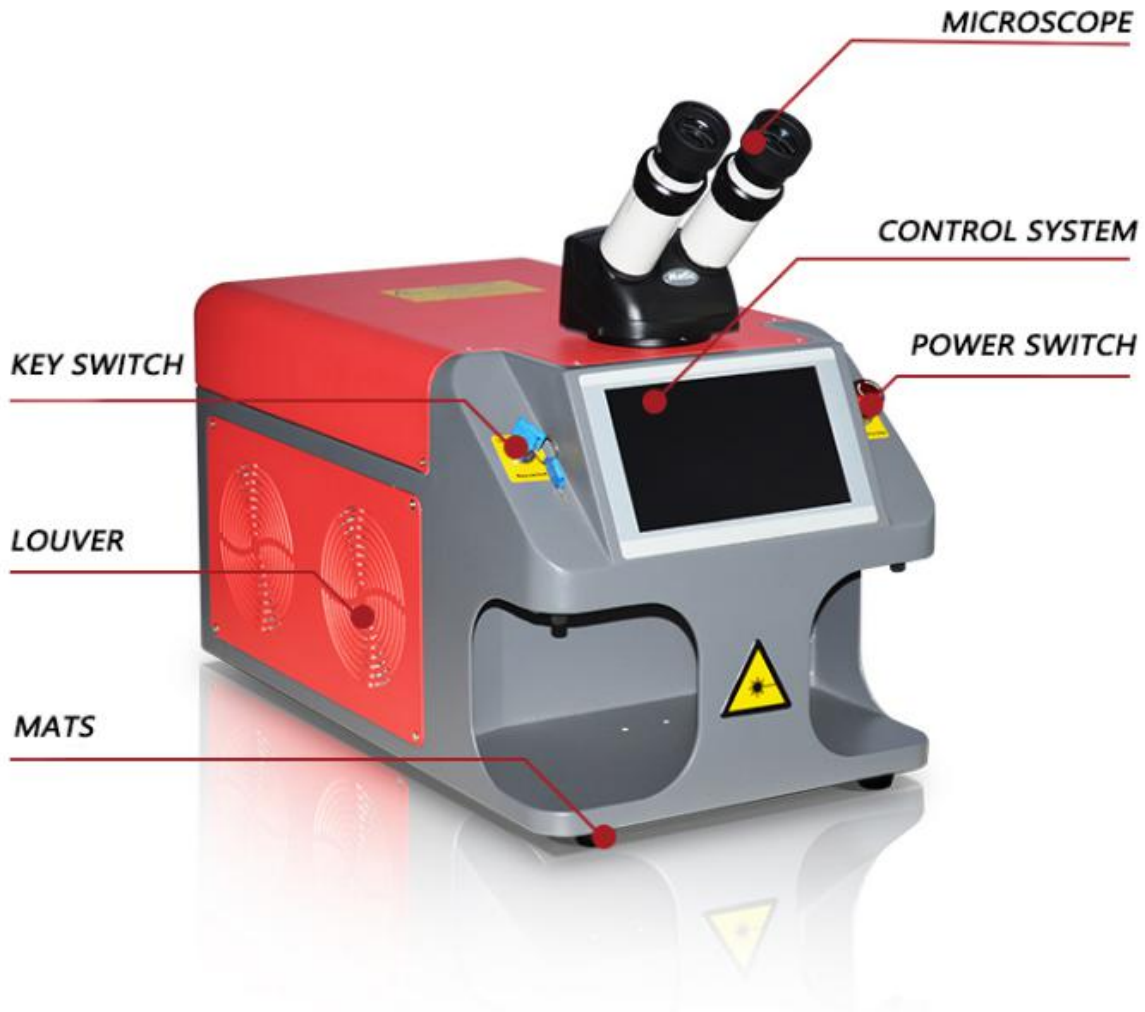
Parameters			
Model	RL-Y60	RL-Y100	RL-Y200
Laser Power	60W	100W	200W
Laser Type	YAG Laser		
Wavelength	1064nm		
Pulse Frequency	<50Hz		
Max.Pulse Energy	40J	60J	80J
Gross Power	≤4KW	≤6KW	≤9KW
Voltage	220V±10%/50HZ/30A or 380V±10%/50HZ/40A		
Pulse Width	0.1-10ms		
Adjustable Beam Size	0.2-2mm		
Frequency	0.5-20Hz		
Cooling Mode	Water Cooling		
Warranty	1 Year		
Positioning	Microscope		
Controller System	Micro Touch Screen		

E-mail: [carina@riselaser.com](mailto:carina@riselaser.com)

Website: [www.riselaser.com](http://www.riselaser.com)      [www.shdlaser.com](http://www.shdlaser.com)

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

## MACHINE COMPONENTS



### 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 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.

E-mail: [carina@riselaser.com](mailto:carina@riselaser.com)

Website: [www.riselaser.com](http://www.riselaser.com)      [www.shdlaser.com](http://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

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.

## Application

1. Suitable for laser welding of gold and silver jewelry, laser welding of stainless steel jewelry, manual laser welding of fine metal parts.
2. Jewelry, dentures, glasses and laboratories, dedicated spot welders.



## Certification



E-mail: [carina@riselaser.com](mailto:carina@riselaser.com)

Website: [www.riselaser.com](http://www.riselaser.com)      [www.shdlaser.com](http://www.shdlaser.com)

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



**Riselasers**

深圳市华升激光科技有限公司

SHENZHEN RISELASER TECHNOLOGY CO., LTD

Shipping



E-mail: [carina@riselaser.com](mailto:carina@riselaser.com)

Website: [www.riselaser.com](http://www.riselaser.com)      [www.shdlaser.com](http://www.shdlaser.com)

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