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Jewelry Mini Spot Laser Welder 60W 100W

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Jewelry Mini Spot Laser Welder 60W 100W

This 60W 100W YAG mini spot laser welder, also known as portable jewelry laser soldering machine, is specially developed for laser welding of jewelry, and mainly used in perforating and spot welding of gold and silver jewelry. The laser spot welding is an important aspect of laser process technology application.

The jewelry laser welder adopts imported ceramic and metal reflecting cavity, pulse xenon lamp pumped to output 1064nm laser, mainly for welding jewelry thin materials, precision parts, can realize spot welding, butt welding, lap welding, sealing welding, high depth width ratio of weld width.



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Product Detail

Product Tags

The Jewelry Mini Spot Laser Welder has the advantages of

small heat influence area

low distortion

fast welding speed

welding seam is smooth

beautiful welding gap

after welding the appearance is without processing or simply processing

welding quality is high

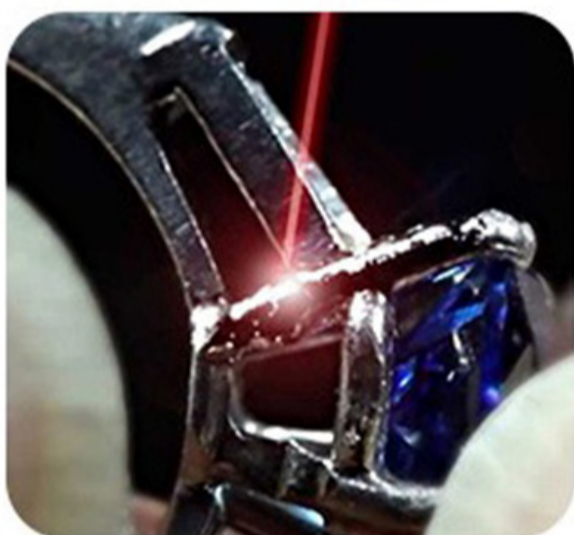
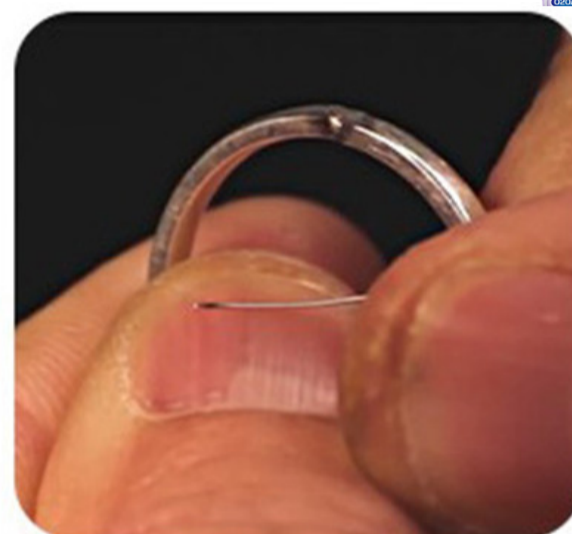
pore-free

can be controlled accurately

the focal spot size is small

high positioning accuracy

With these advantages, the laser welding machine is widely used in the process of gold and silver jewelry and welding of mini and small parts.



Desktop Jewelry Laser Welder Features

1. The heat affected zone is small, and the welding spot size can be adjusted;
2. Does not lead to the product deformation welding, and the weld depth is big;
3. Welding firmly;
4. Melting fully, without small holes, leave no trace repair;
5. precise positioning, no injuring of surrounding jewels during welding;
6. On the basis of the built-in water tank, the welder adds an external water circulating cooling system to prolong the continuous working time. Can work continuously 24 hour a day;
7. One-button operation for automatic pumping, pwm continuously variable fans, 7 inch touch screen integrated CCD display.

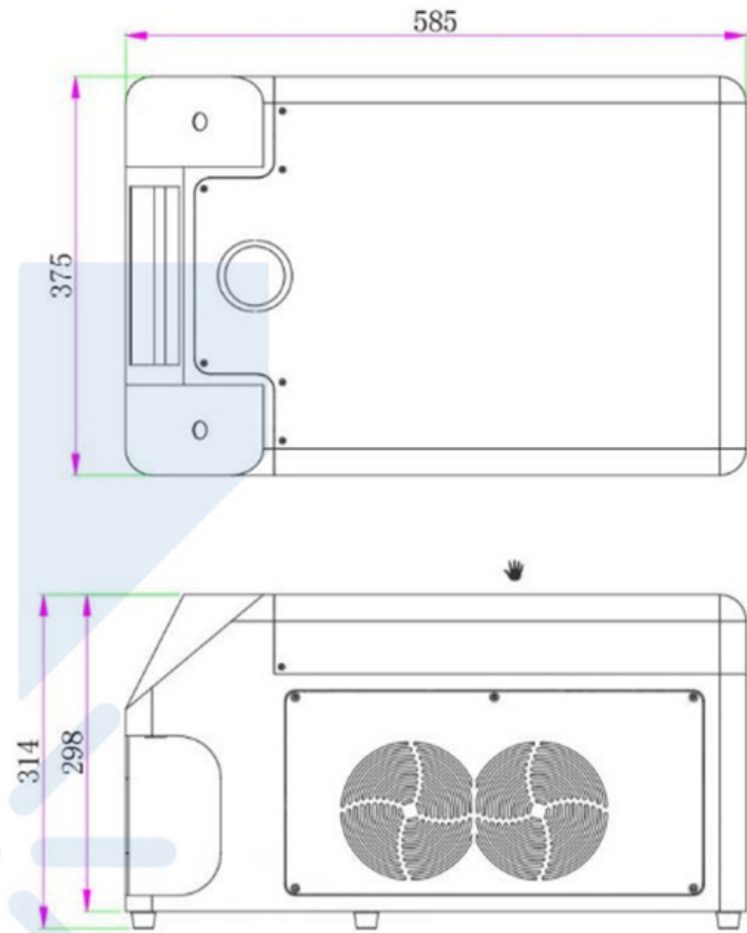


The User Manual for 60W/100W Mini Spot Laser Welding Machine will be provided when needed.

Laser System	FL-Y60
Laser Type	1064nm YAG Laser
Nominal Laser Power	60W
Laser Beam Diameter	0.15 ~ 2.0 mm
Machine Adjustable Beam Diameter	±3.0mm
Pulse Width	0.1-10ms
Frequency	1.0~50.0Hz Continuously Adjustable
Maximum Laser Pulse Energy	40J
Host Power Consumption	≤2KW
Cooling System	Build in Water Cooling
Water Tank Capacity	2.5L
Aiming and Positioning	Microscope + CCD Camera System
Operating Mode	Touch Control
Pump Source	Single lamp
Display Touch Screen Mounting Dimensions	137*190(mm)
Operating Language	English, Turkish, Korean, Arabic
Electrical Connection Values	AC 110V/220V ± 5%, 50HZ / 60HZ
Machine Dimension	L51×W29.5×H42(cm)
Wooden Package Dimension	L63×W52×H54(cm)
Machine Net Weight	N.W.: 35KG
Machine Gross Weight	G.W.: 42KG
Operating Environmental Temperature	≤45°C
Humidity	< 90% non-condensing
Application	Welding and repairing all kinds of jewelry and

Samples Display





Laser Power : 100 Watt
Size :L*W*H : 585*375*314 mm
Single Pulse Energy : 60J
Aiming and Positioning: CCD and Microscope
Cooling method :Water Cooling



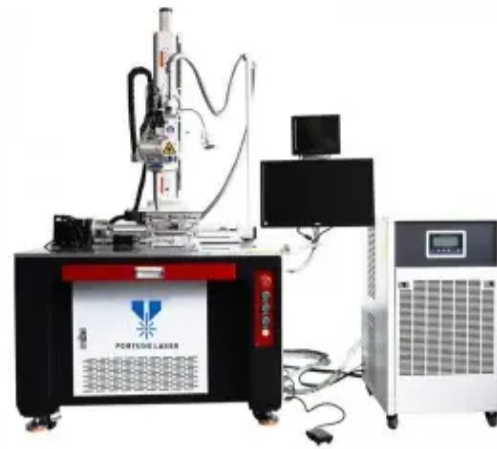
Gold and silver jewellery welding, especially for small jewellery shop repairing. Metal parts welding such as stainless steel and aluminum in all kinds of industry.



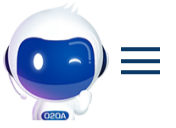
REALTED PRODUCTS



Robotic Fiber Laser Welding Machine



Continuous Laser Welding Machine



Hand



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ABOUT US

Founded in 2016 and headquartered in Shenzhen city, Fortune Laser Technology Co., Ltd. is a professional manufacturer of industrial laser equipment, integrated with R&D, production, sales and maintenance services. Fortune Laser has been one of the fastest growing industrial laser company in the market.

Fortune Laser's vision has always been to design and manufacture top quality industrial laser machines that will fit the customers' needs, at an affordable price, with the versatility to suit a variety of industries.

PRODUCTS

- Fiber Laser Cutting Machine
- Laser Welding Machine
- Metal Laser Cutter Welder Parts

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