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YAG Laser Welding Machine (https://www.divinelasermachines.com/Website/Product_Detail/?category_id=5) »

Jewelry YAG Laser Welding Machine (https://www.divinelasermachines.com/Website/Detail/?product_id=50)



JEWELRY YAG LASER WELDING MACHINE

Jewelry YAG Laser Welding Machine is one type of spot laser welding machine which is mainly used for manufacturing and repairing ornaments. Yag laser welding is a welding technique used to fill gaps/holes, also to repair the damages of the critical part of any jewelry with adding extra material (filler rod) of same grade metal through the use of a laser pulse. The beam provides a concentrated heat source, allowing for narrow, deep welds and high welding rates. The process is frequently used in precision work applications. It is based on keyhole or penetration mode welding. This kind of machines provides an advantages to the Jewellers shop and Jewellery manufacturing industries which help them to save time and money by instant result.

PRODUCT SPECIFICATION:

DISCRIPTION	PARAMETER
Laser Power	200W
Power Consumption	6kW
Laser Beam	1064nm
Pulse Energy	80J-120J
Welding Depth	Upto 2mm
Spot Diameter	0.2-3.0mm
Laser Pulse Frequency	1-50Hz
Repeat Precision	±0.02mm
Focus Length	F=100mm - F=200mm
Cavity	Ceramic
Viewing System	Microscope / Mini Screen (Or Both)
Cooling System	1P Industrial Chiller
Working Area	200*350 - 800*1000mm (Customize)
Working Table	Fixed (X-axis, Y-axis), Adjustable / Manual (Z-axis)
Electricity Supply	220v,50HZ,32Amp

FEATURES:

- ⇒ It is mainly for thin-walled materials, precision parts welding.
- ⇒ Spot welding, butt welding, lamination welding, sealing welding are all ok.
- ⇒ It has high depth ratio, small weld width, small heat affected zone, negligible deformation and fast welding speed.
- ⇒ The weld seam is smooth and beautiful, no need further processing or only simple cleaning is needed after welding.
- ⇒ High weld quality, free of porosity, can reduce and optimize the impurities of the base metal, structure can be refined after welding, the weld strength and toughness are at least the same as a base metal's.
- ⇒ Precisely controll, small focus spot, high precision positioning, easy for operation.

APPLIED INDUSTRY:

Yag laser welding machine can weld on all types of metal, like- gold, silver, stainless steel, mild steel, titanium, aluminium, zinc, copper and other metal & alloy. Channel / Jewelry Yag Laser Welding Machine is mainly used in Gold and Silver Jewellery to acheive high accuracy of the finished part to avoid afterwork and give a beautiful look. It is mainly used in making a variety of neckless, rings, bracelets, ear-rings, chain and many more.

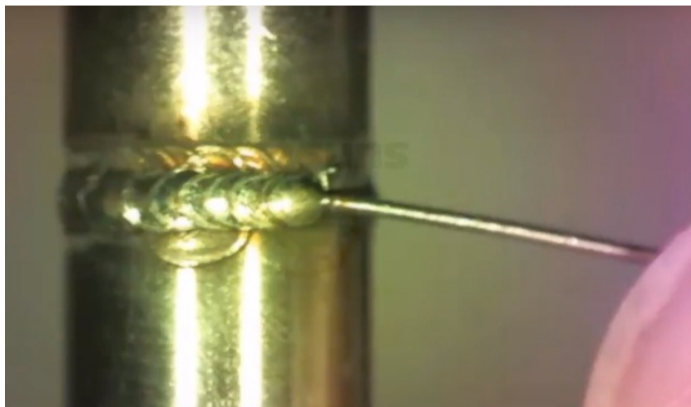
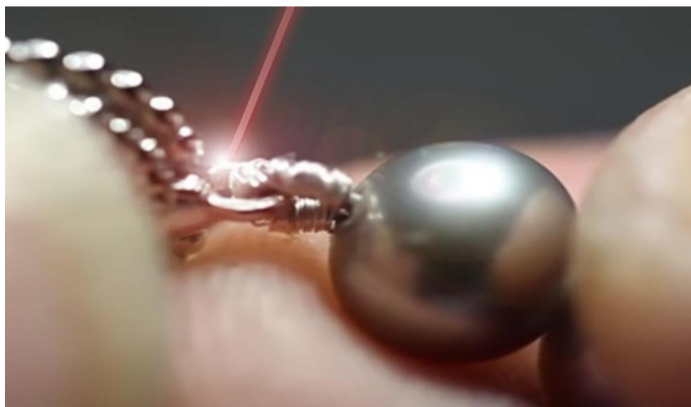
BENIFITS OF CHOOSING DIVINE:

As a guaranteed industrial laser machine manufacturer and supplier, DIVINE provides all kinds of best laser machines for sale to fit your works. DIVINE offers cost price for you laser machine without any intermediate. You will get the best laser machines at an affordable price from us. DIVINE also offers best laser automation solutions,Our Experienced team will provide you best service and support.

- ◆ Consult: We will recommend the most suitable fiber laser engraver machine to you after being informed by your requirements

- ◆ Quotation: We will offer you with our detail quotation according to the consulted laser machine . You will get the most suitable specifications, the best accessories and the affordable price.
- ◆ Process Evaluation: Both sides carefully evaluate and discuss all the details (technical parameters, specifications and business terms) of the order to exclude any misunderstanding.
- ◆ Quality Control: The whole production procedure will be under regular inspection and strict quality control. The complete laser machine will be tested to make sure they can work very well before out of factory.
- ◆ Spare part : we have all kind of spare part available.
- ◆ Support and Service: We will offer professional technical support and free service by Phone, Email, Skype, WhatsApp, Online Live Chat, Remote Service. We also have site service in all over india

SAMPLE DISPLAY



Contact Us

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