

Jewelry Welding Laser Machine

——MY-W200J



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Introduction

MY-W200J laser spot welding machine is used for perforation and spot welding of sand hole for gold and silver jewelries. Laser spot welding is an important application of laser materials processing technology. Spot welding is thermal conduction, namely, the laser radiates the surface of the part, and the heat on the surface expands inside through heat conduction. By controlling parameters such as laser pulse width, energy, peak value and repeating frequency, the part will melt, and thus forming specific molten pools. Due to its unique benefit, the product has been successfully applied to gold and silver jewelries processing, and welding of small-sized parts.

Application

The laser spot welding machine dedicate to gold and silver jewelry, golf, fill holes for electronic components, welding trachoma, weld inlay mouth and so on. Welding firm, beautiful, non-distortion, simple operation, easy to use.

Features

- 1 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.
- 2 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.
- 3 World-leading automatic light shielding system is employed to remove stimulation of light on eyes during operation.
- 4 24-hour continuous operation, with stable operating performance, and free from maintenance within 10000 hours.
- 5 Personalized design in compliance with ergonomics principles.

Advantages

Fast, high efficient, deep, firm, little distortion, little affect area, no pollution, energy saves and simple operation.

Parameter

Type	MY-W200J
Max. average power	200W
Laser wavelength	1064nm
Max. Pulse energy	120J
Laser welding depth	0.1-3.3mm
The pulse width	0.3-20ms
Batter, laser welding frequency	0.5-20Hz
Adjustable range of spot size	0.2-2mm
Machine Power consumption	≤4kw
The demand for electricity	220V±0%/50Hz/30A
Cold system	Water Chiller
Installation environment	Installation Location: 3m ² or less
Environment	Clean, no dust or less dust
Temperature	55°F (13°C) to 82°F (28°C)
Humidity	5% to 75% non-condensing water
Power	220V/50HZ Alternating current, 30A an air switch, voltage stability

Shipment

Within 3~7 working days after receiving your payment.

Payment

By T/T, L/C, Collection and Payment on Delivery. Payment Terms can be negotiable.

Warranty

Whole machine has a warranty period of 12 months since the delivery (fiber laser source has 22 months warranty period).

Training

1~3 working-days training free of charge in factory. Oversea training is available, the buyer can discuss the details with WISELY salesman.

Service

Oversea service is available, but the buyer should pay the cost including the tickets, hotel, taxi, food and so on.

Machine Instructions



Sample Gallery

