

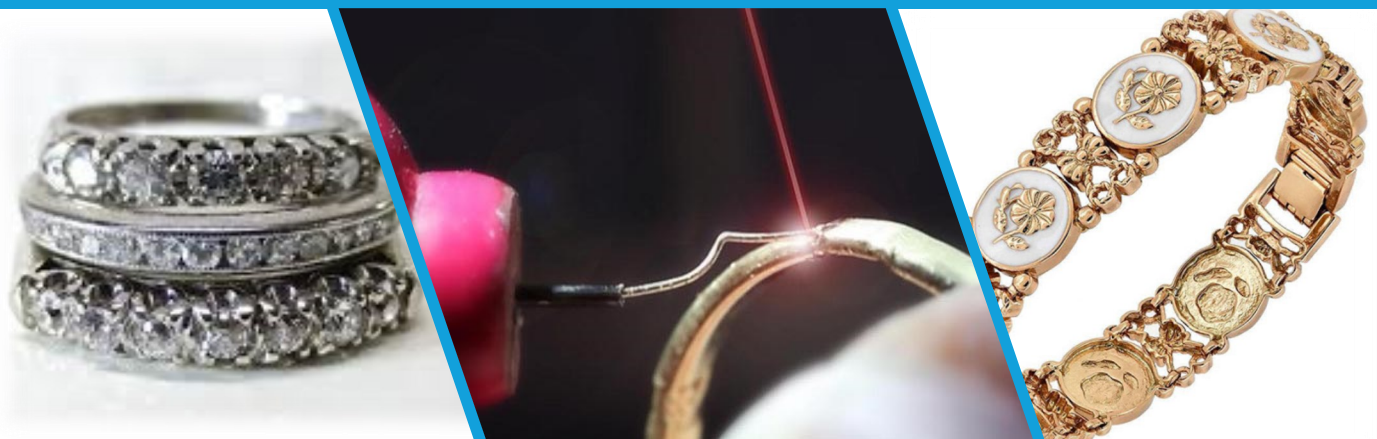
Jewelry Welding Laser

Desktop Laser spot welder is mainly use in jewelry and dental industry or other hardware field. The laser spot welding machine is very high performance and high accuracy welding system; it's mainly use in Jewelry welding, dental welding, Watch repair, Eye-glasses welding, sensor welding, medical tools welding, and other high precision welding purpose. The desktop laser welder can weld various metallic materials such as gold, silver, platinum, titanium, palladium. By matching the parameters and shape of the laser pulses to each material, the laser generates a minimal heat affected zone, thus meeting the precondition for welding temperature-sensitive components. Another positive effect of the low thermal load of the two parts is, that unwanted modifications of the joint by the welding process can almost always be avoided.



specification

- Type of Laser: Flash lamp Nd:YAG laser
- Laser Power: 150W
- Operation Mode: pulsed
- Laser Wavelength: 1064 nm
- Pulse energy : 30 j@ 1Hz
- Repetition rate: 1-20 Hz
- Pulse duration (ns) : 0.3-8 MS
- Spot Size: 0.2 -2 ?
- Cooling Method: water cooling
- Dimension : 80*50*60 cm
- Power Source: 220 V, 50 Hz



📍 Iran, Isfahan, Isfahan science and Technology Town

☎ +989136025531