


Welding equipment		
	Brand: NINE	
	model: ML-JW200	
Laser parameters	Parameter	
	Laser output power	200W
	Laser peak power	6KW
	wavelength	1064NM
	Laser pulse energy	90J
	pulse width	0.5-20MS
	pulse frequency	1-100Hz
Welding performance	Focus working distance	80MM
	spot size	0.2MM-2MM
	Welding depth	0.1-2.0MM
	Aiming and positioning	microscope
physical property	Cooling method	water-cooling
	Power demand	220V
	Installation area	1.5mX1.5m
	work environment	Clean and dust-free
	Consumables	Filter protection mirror

<p>Characteristics of Jewelry Laser Welding Machine</p>	<p>1. Energy, pulse width, frequency, and spot size can be adjusted within a large range to achieve various welding effects. The heat affected area is small and will not cause product deformation.</p>
	<p>2. Adopting a ceramic spotlight cavity, it is corrosion-resistant, high-temperature resistant, and has high photoelectric conversion efficiency.</p>
	<p>3. Adopting advanced automatic shading system eliminates eye irritation during working hours.</p>
	<p>4. The welding depth is large and the welding is firm.</p>
	<p>5. Fully melted, without sand holes, leaving no repair marks.</p>
	<p>6. Capable of working continuously for 24 hours, with stable overall performance.</p>
<p>Instructions for using jewelry laser welding machine</p>	<p>Jewelry laser welding machine uses laser deposition welding, a welding technology that focuses on high heat energy and fixed points. Surface heat is transferred to the interior for diffusion. By controlling parameters such as laser pulse width, energy, peak power, and repetition frequency, the workpiece is melted to form a specific molten pool.</p>